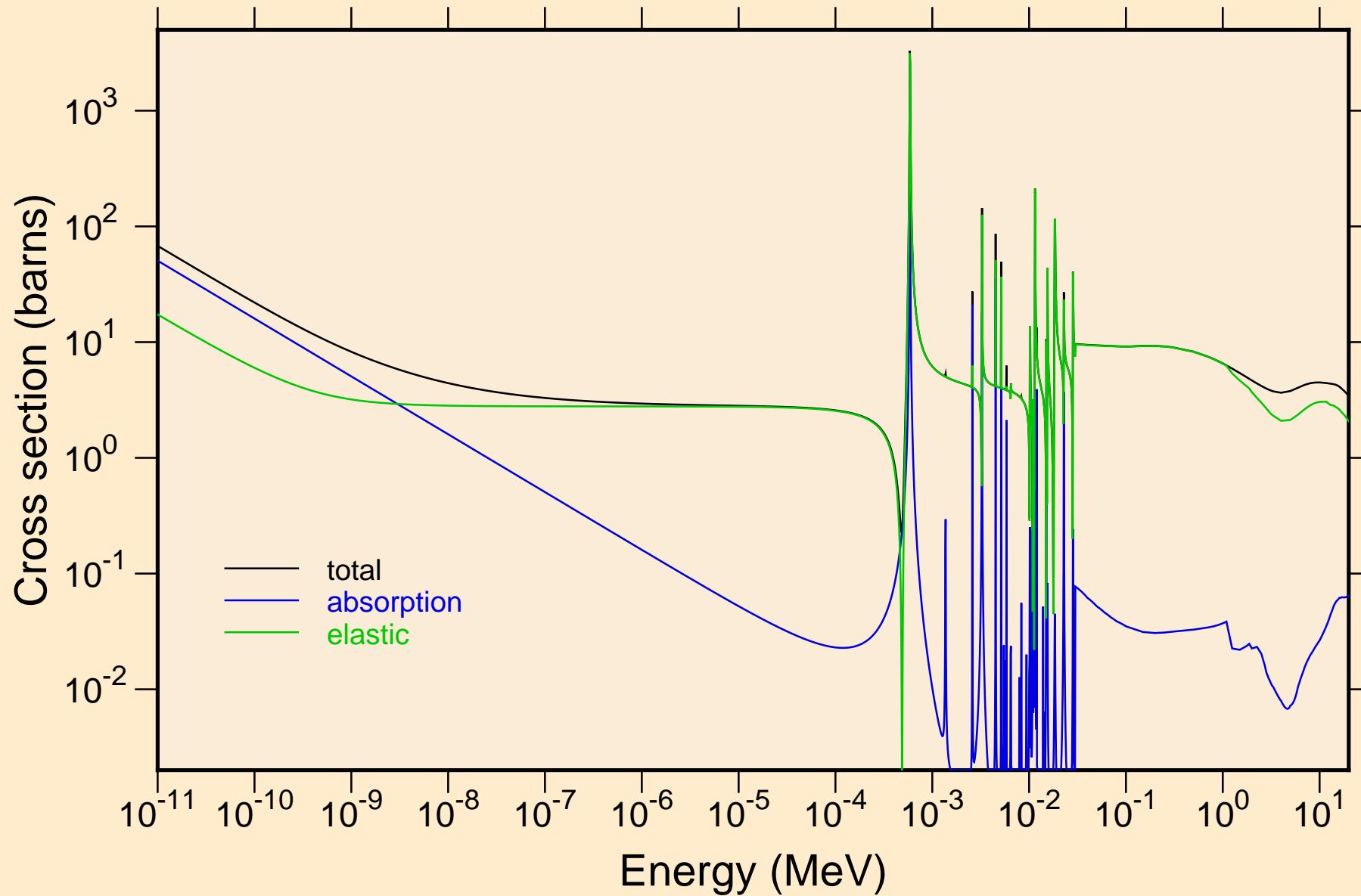
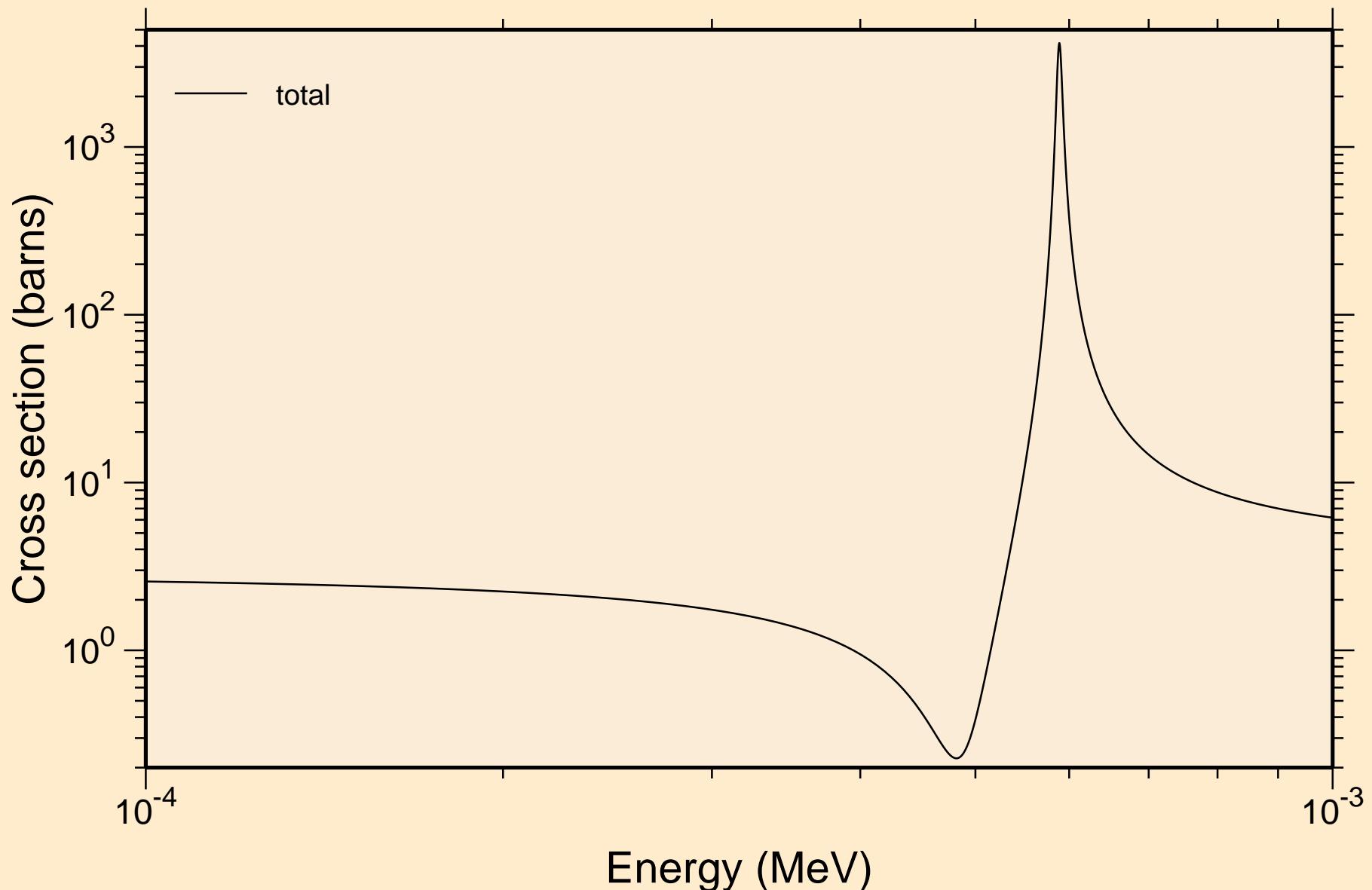


# ENDF/B-VII SR-86

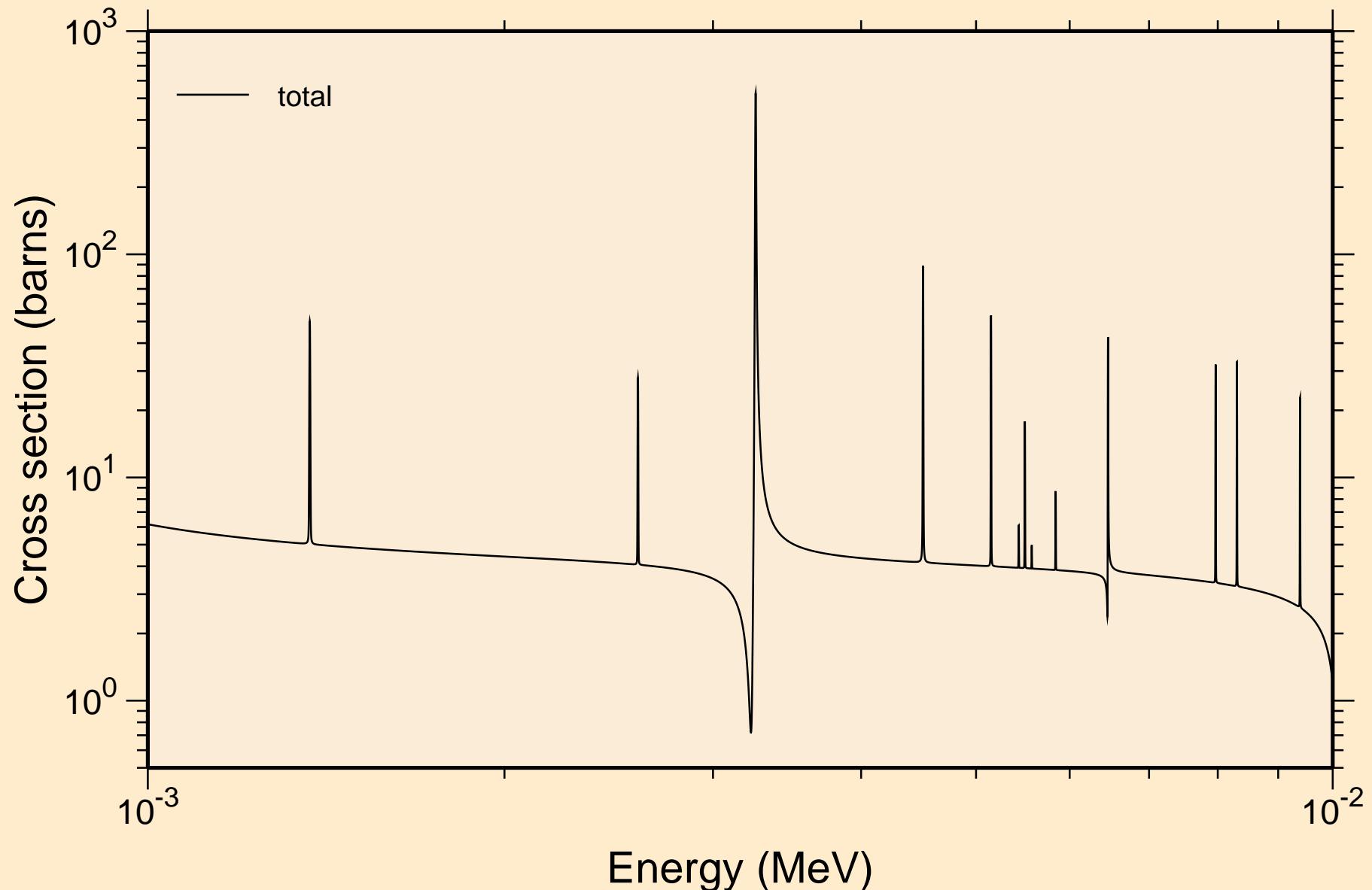
## Principal cross sections



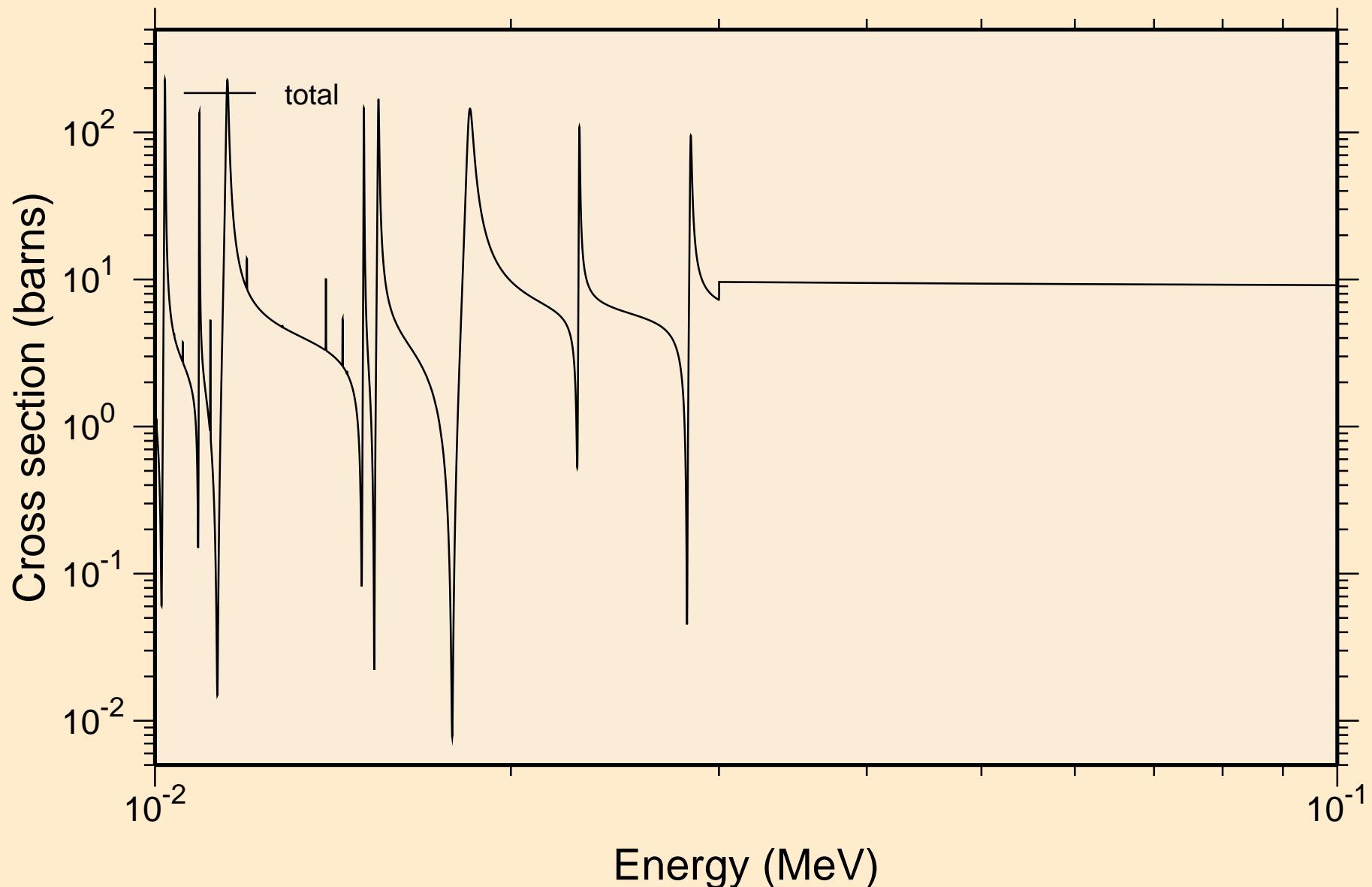
ENDF/B-VII SR-86  
resonance total cross section



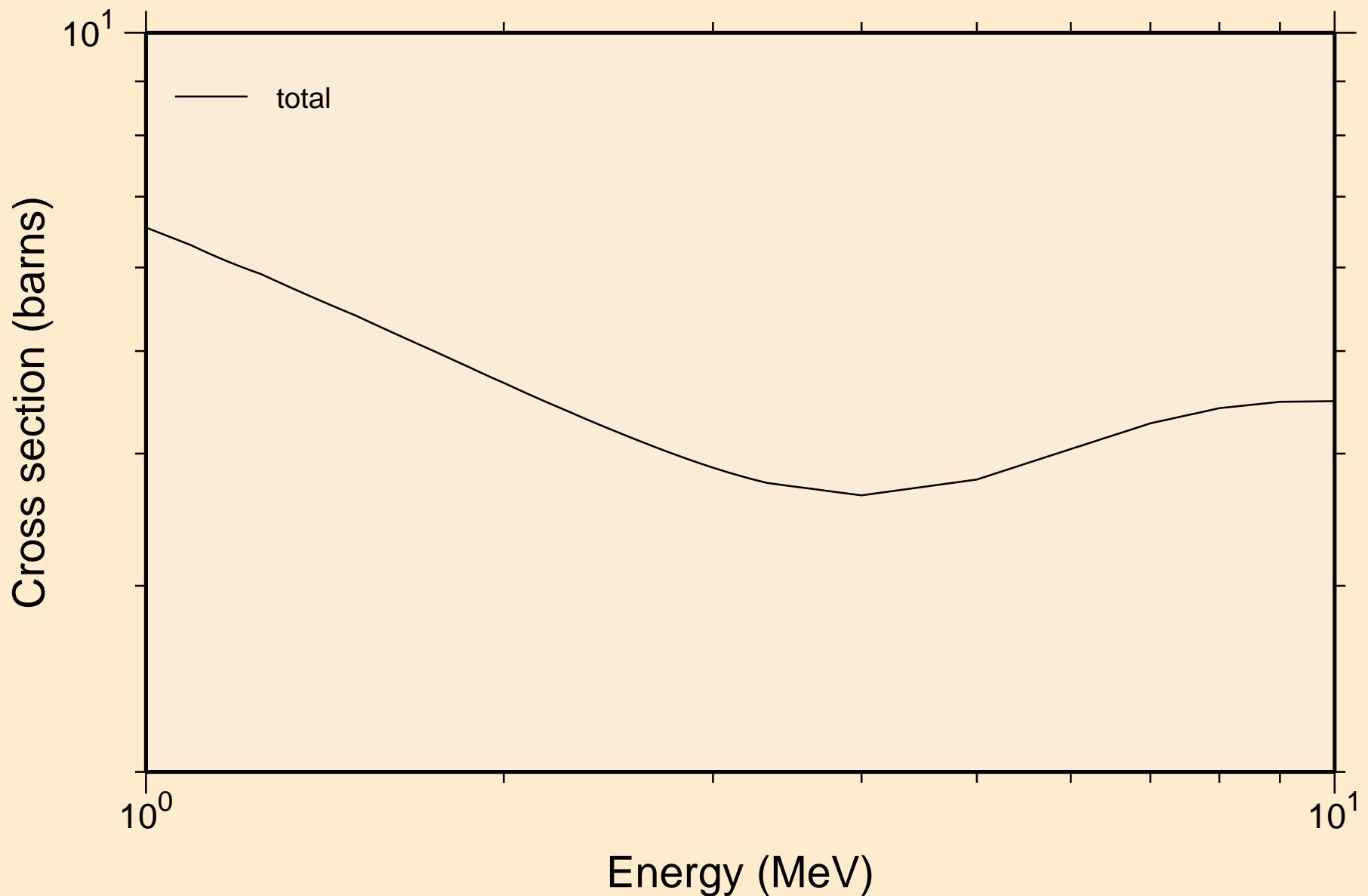
ENDF/B-VII SR-86  
resonance total cross section



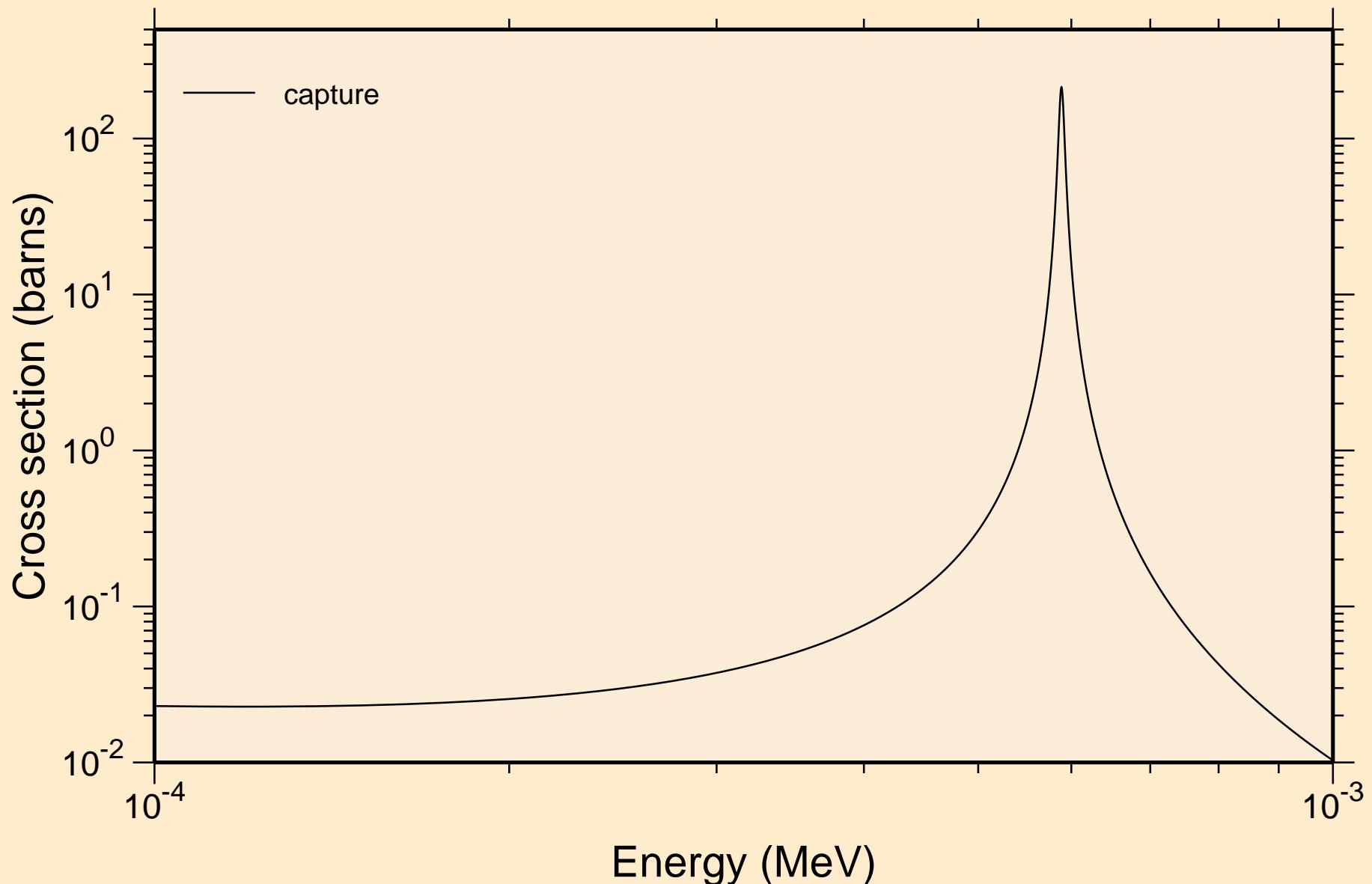
ENDF/B-VII SR-86  
resonance total cross section



ENDF/B-VII SR-86  
resonance total cross section

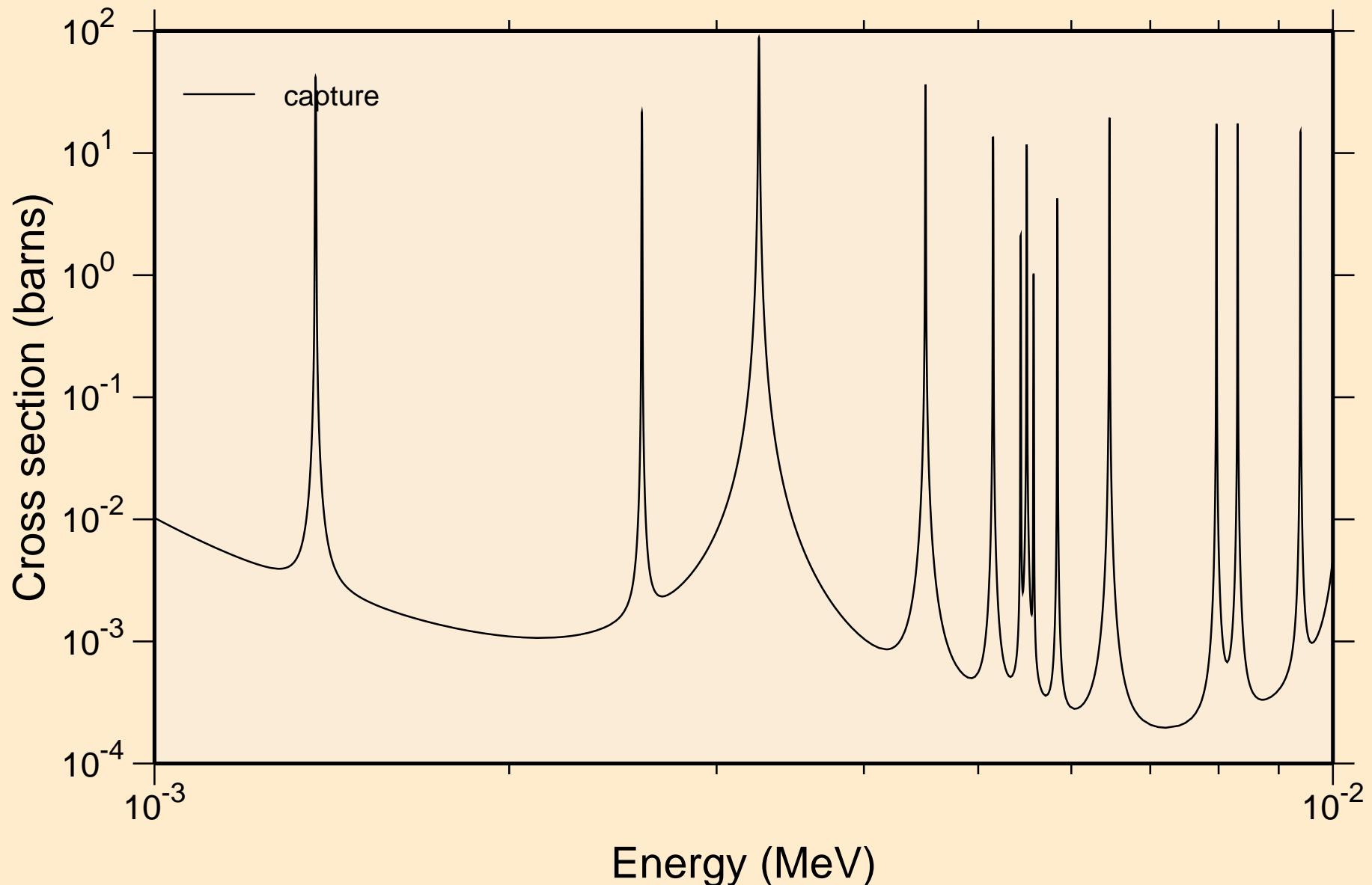


ENDF/B-VII SR-86  
resonance absorption cross sections



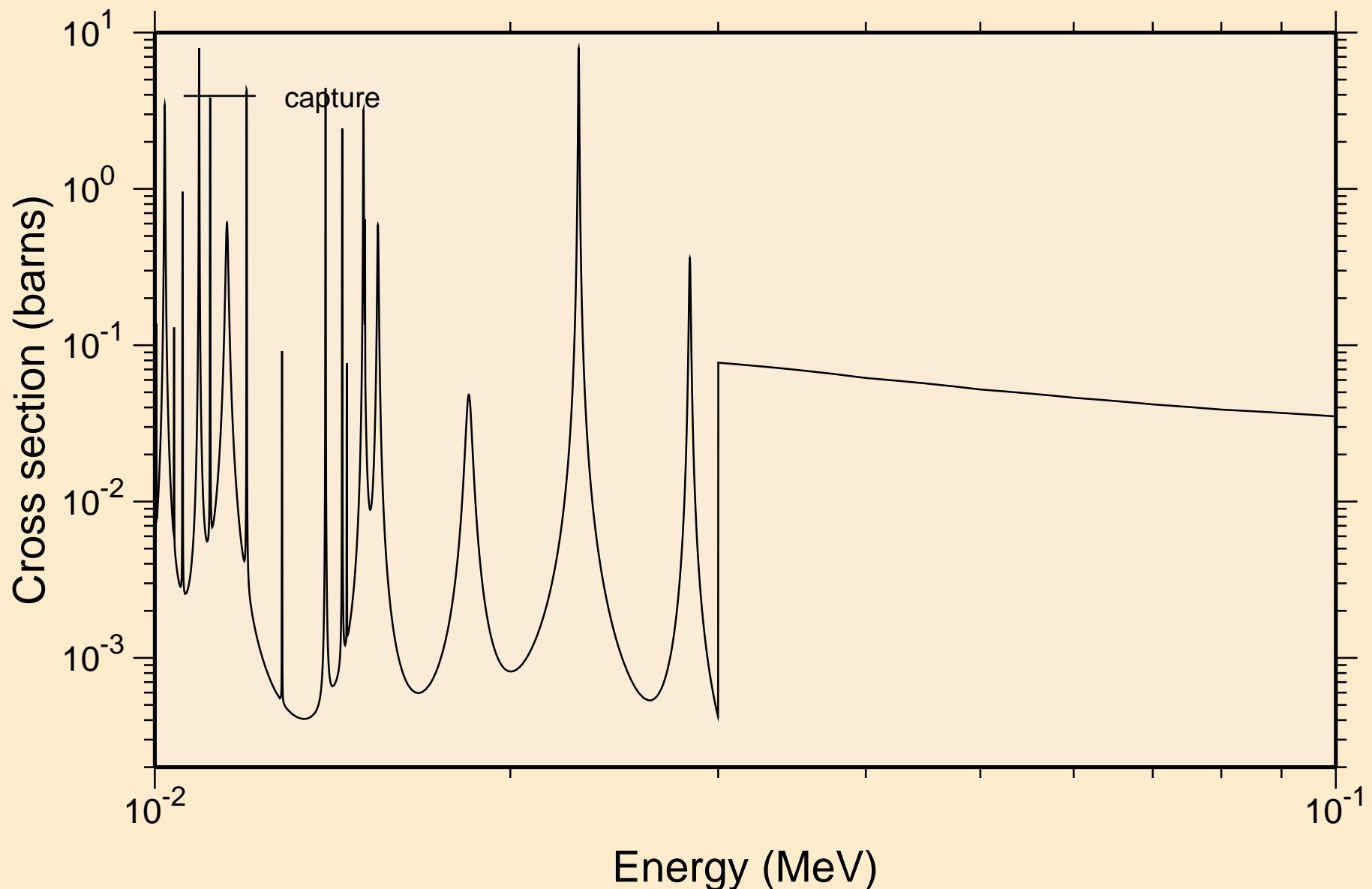
# ENDF/B-VII SR-86

## resonance absorption cross sections

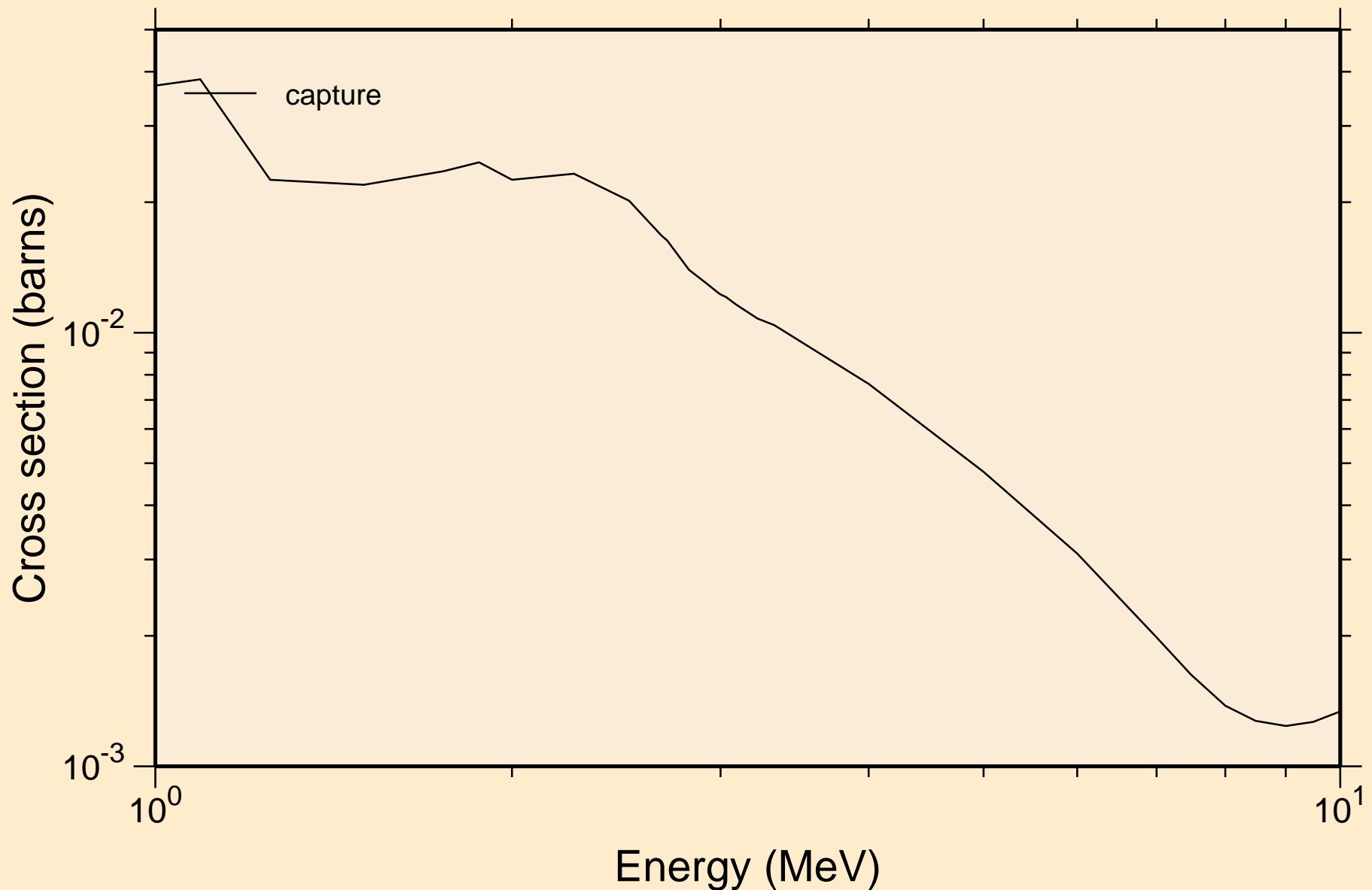


# ENDF/B-VII SR-86

## resonance absorption cross sections

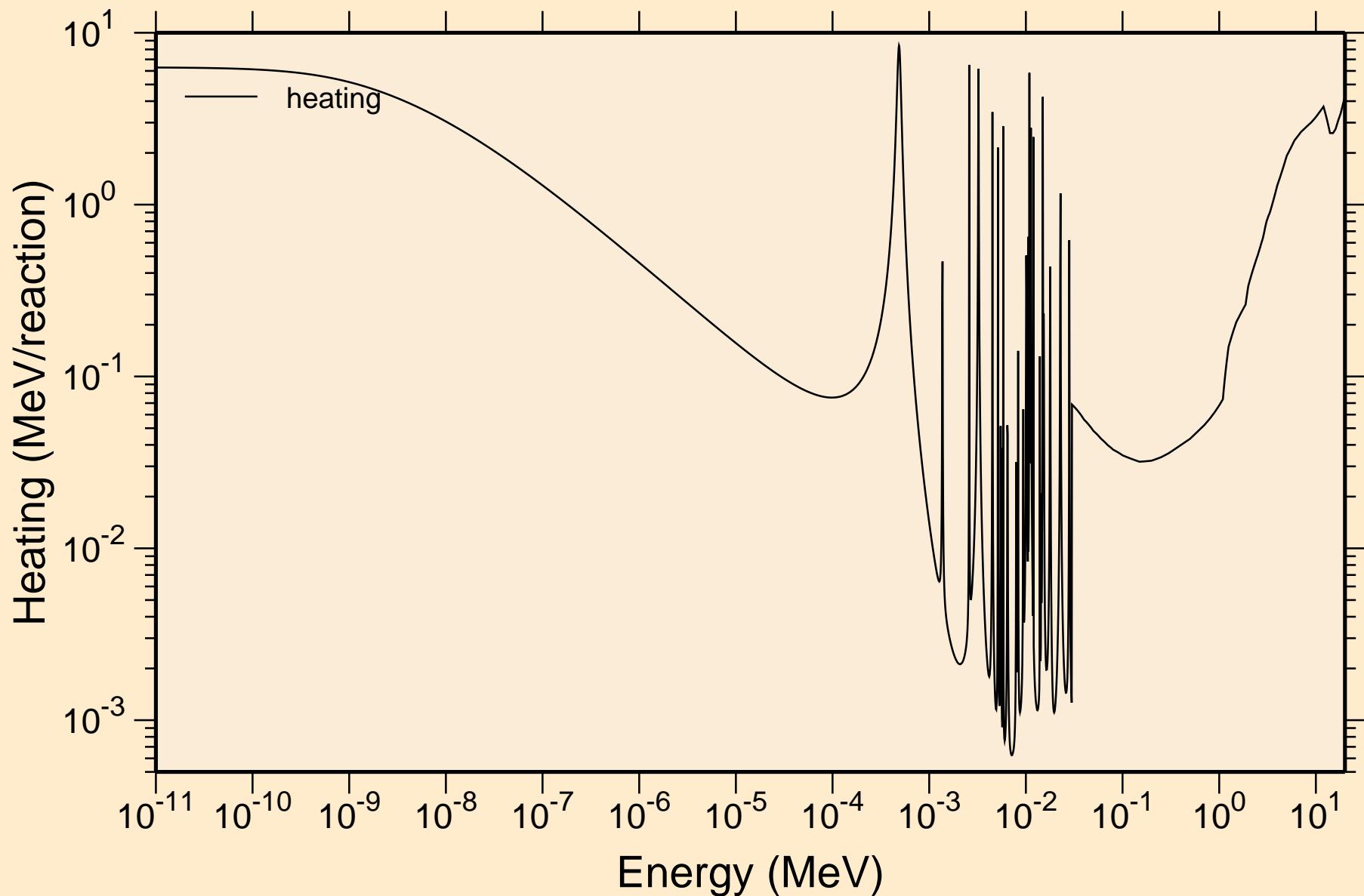


ENDF/B-VII SR-86  
resonance absorption cross sections



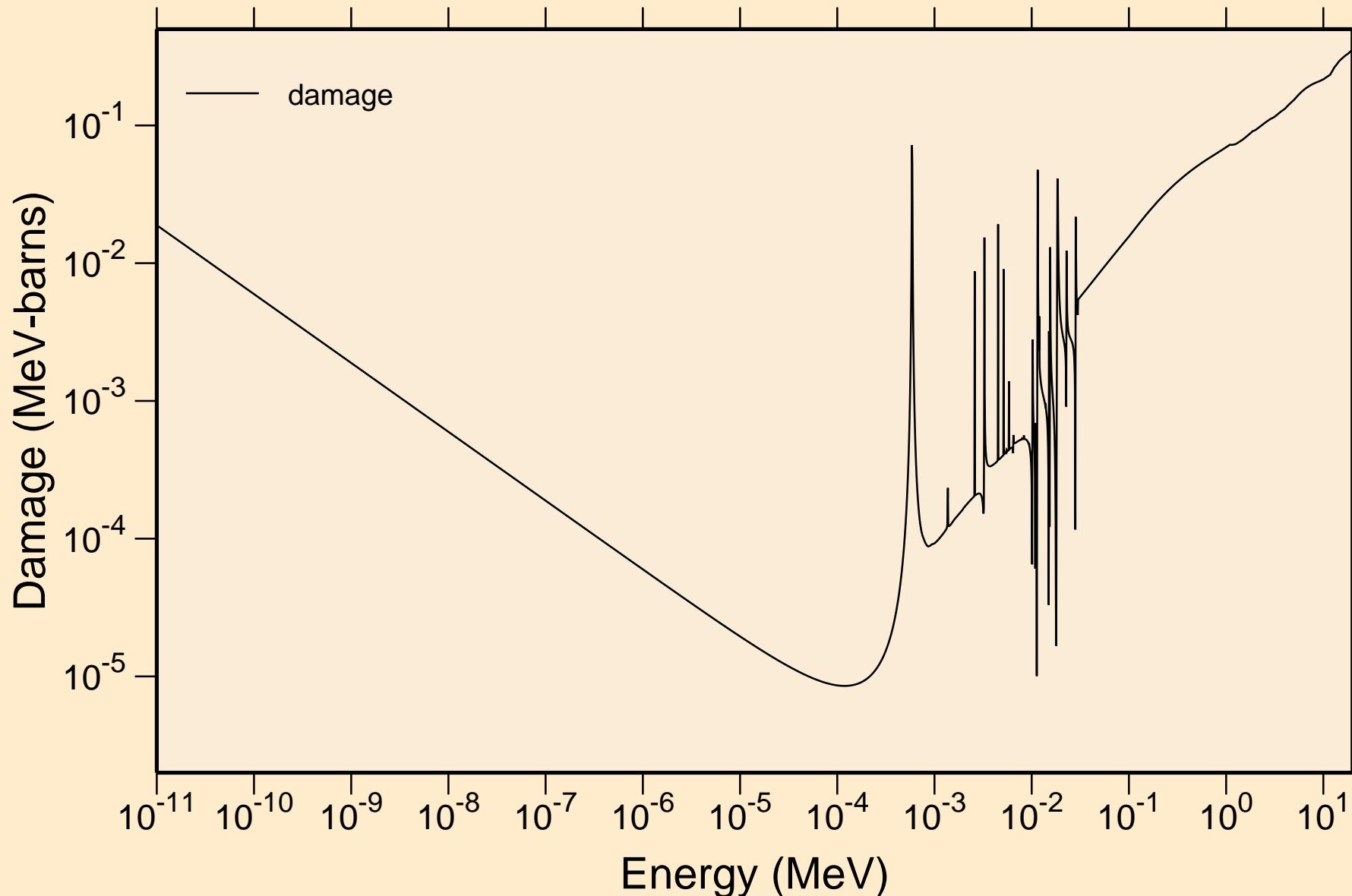
# ENDF/B-VII SR-86

## Heating

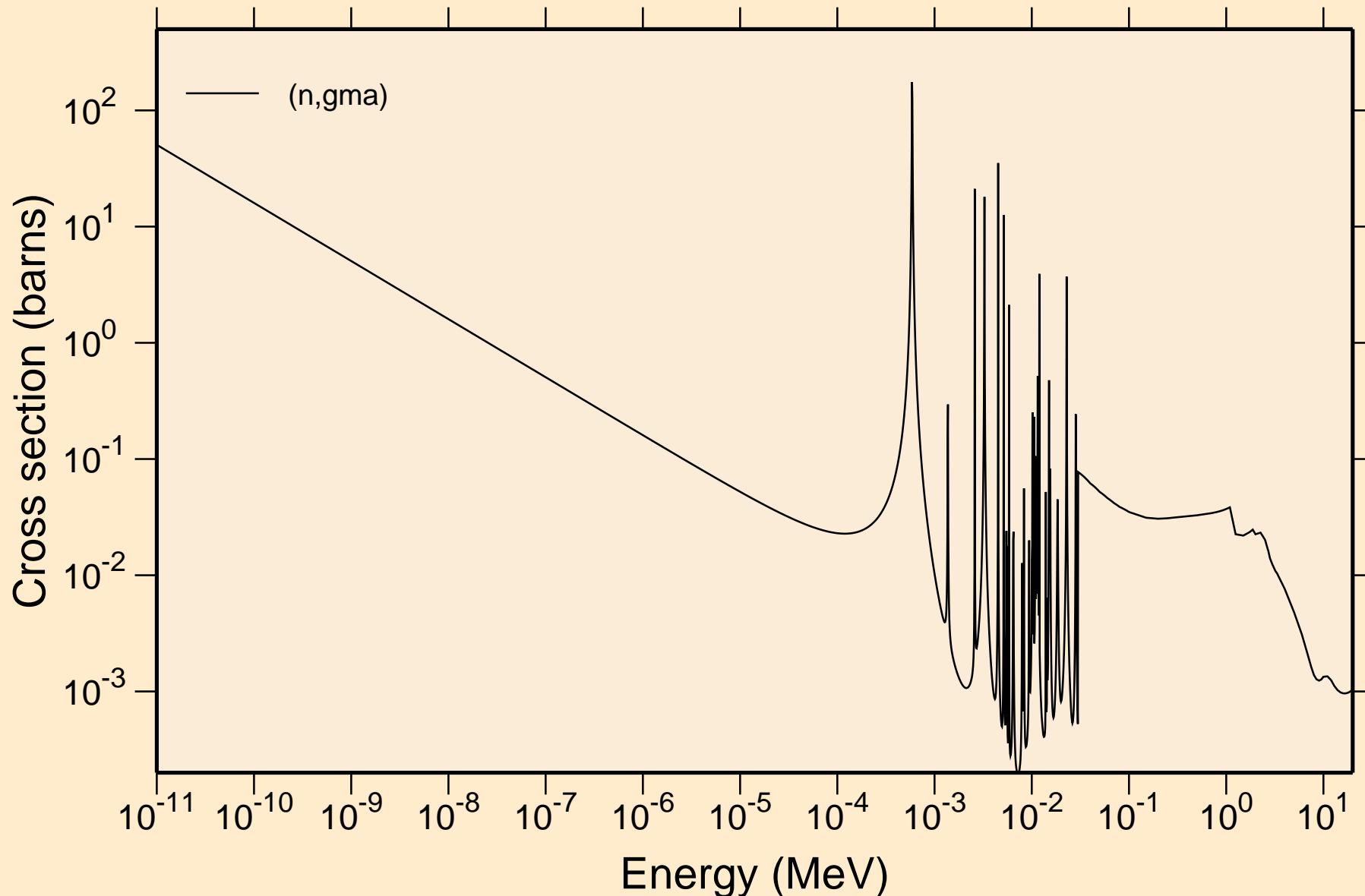


# ENDF/B-VII SR-86

## Damage

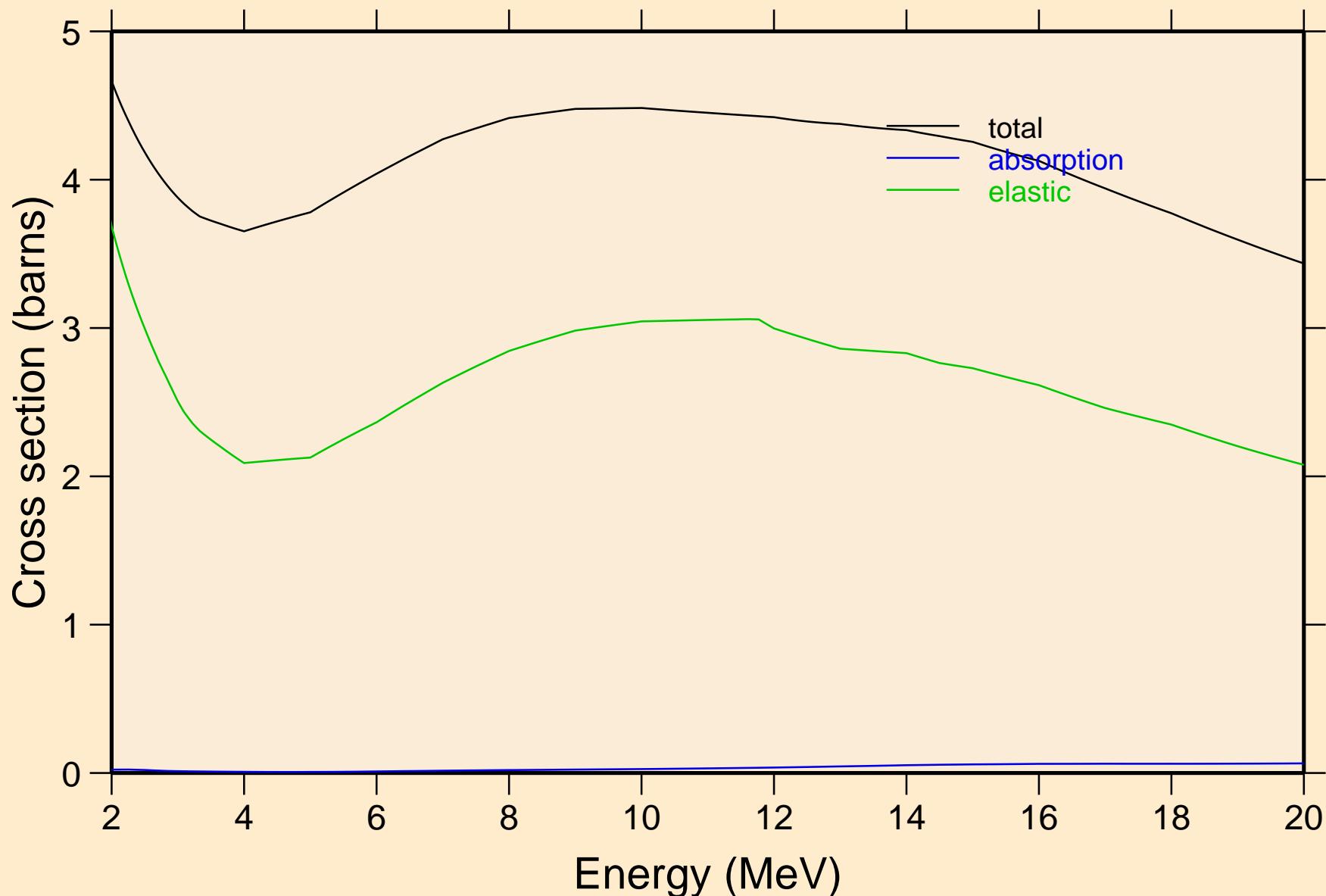


ENDF/B-VII SR-86  
Non-threshold reactions

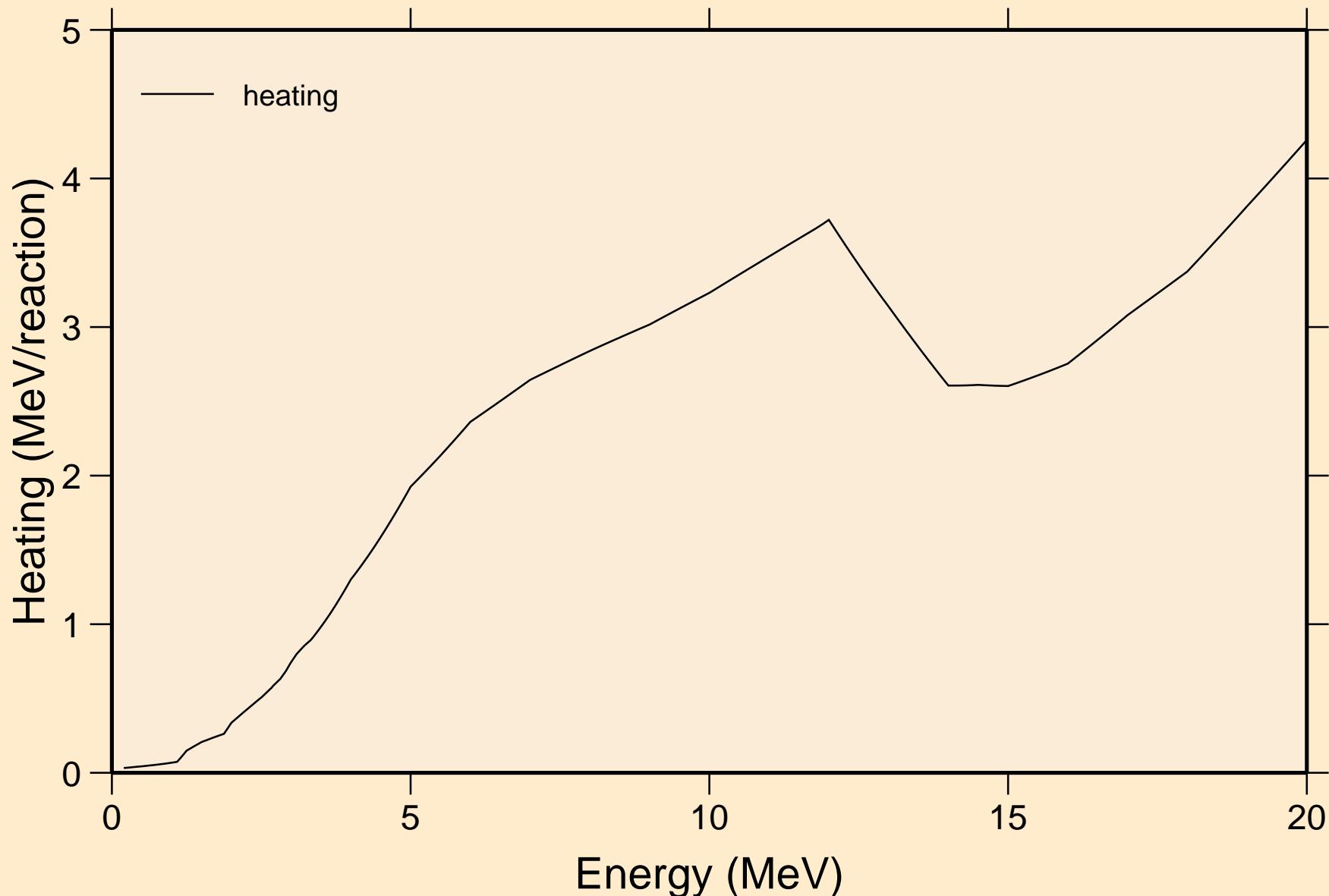


# ENDF/B-VII SR-86

## Principal cross sections

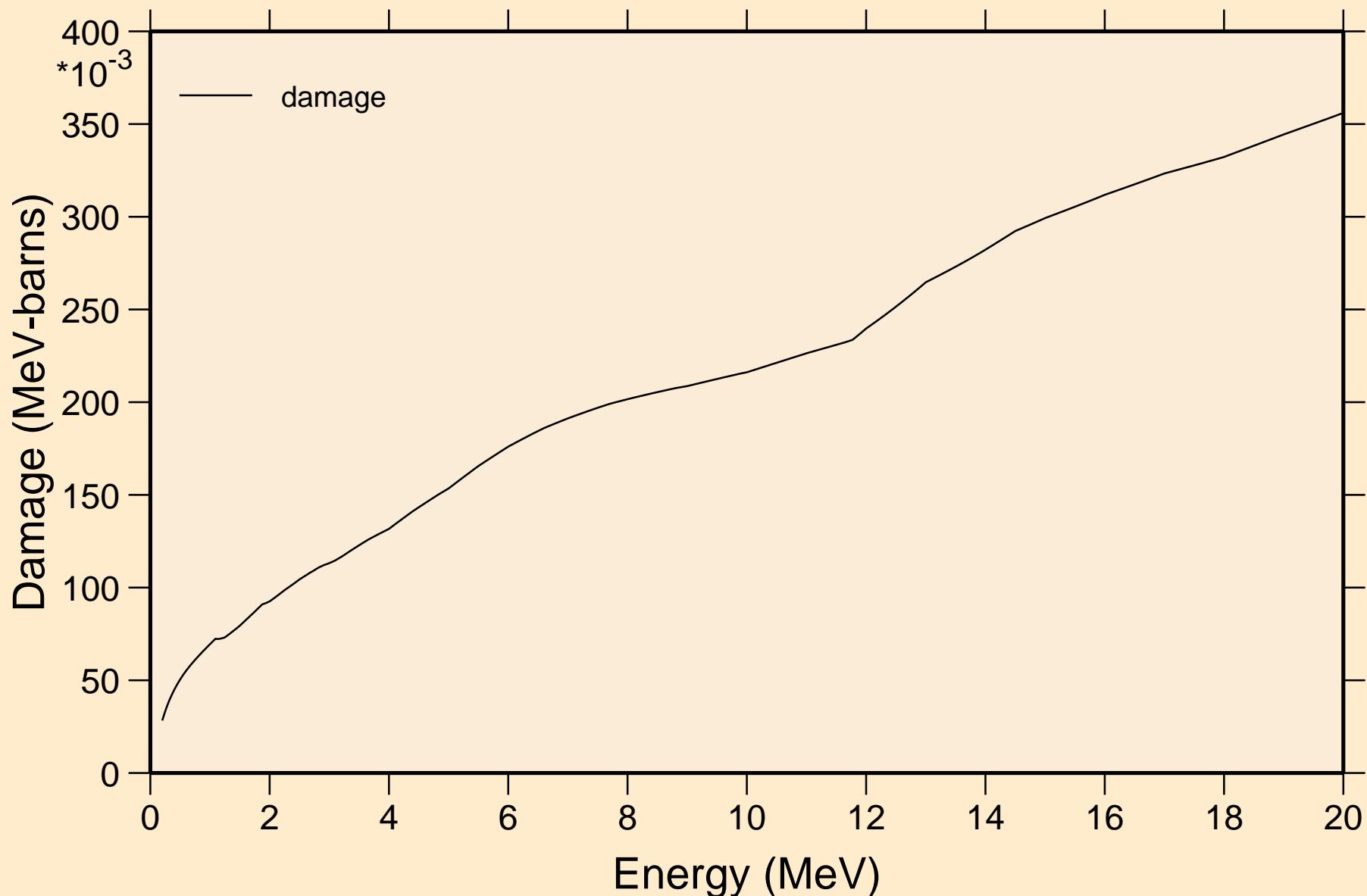


ENDF/B-VII SR-86  
Heating

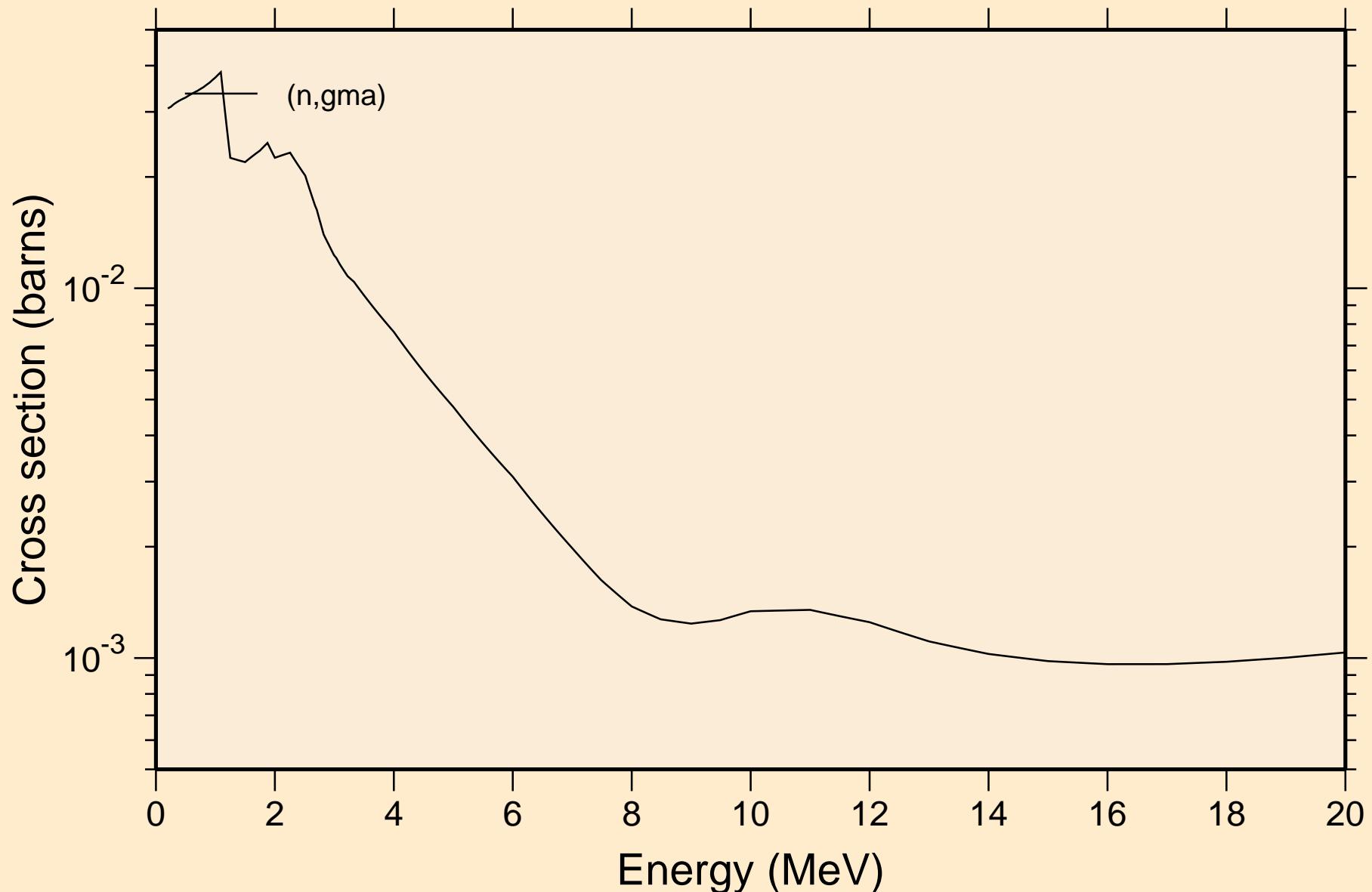


# ENDF/B-VII SR-86

## Damage

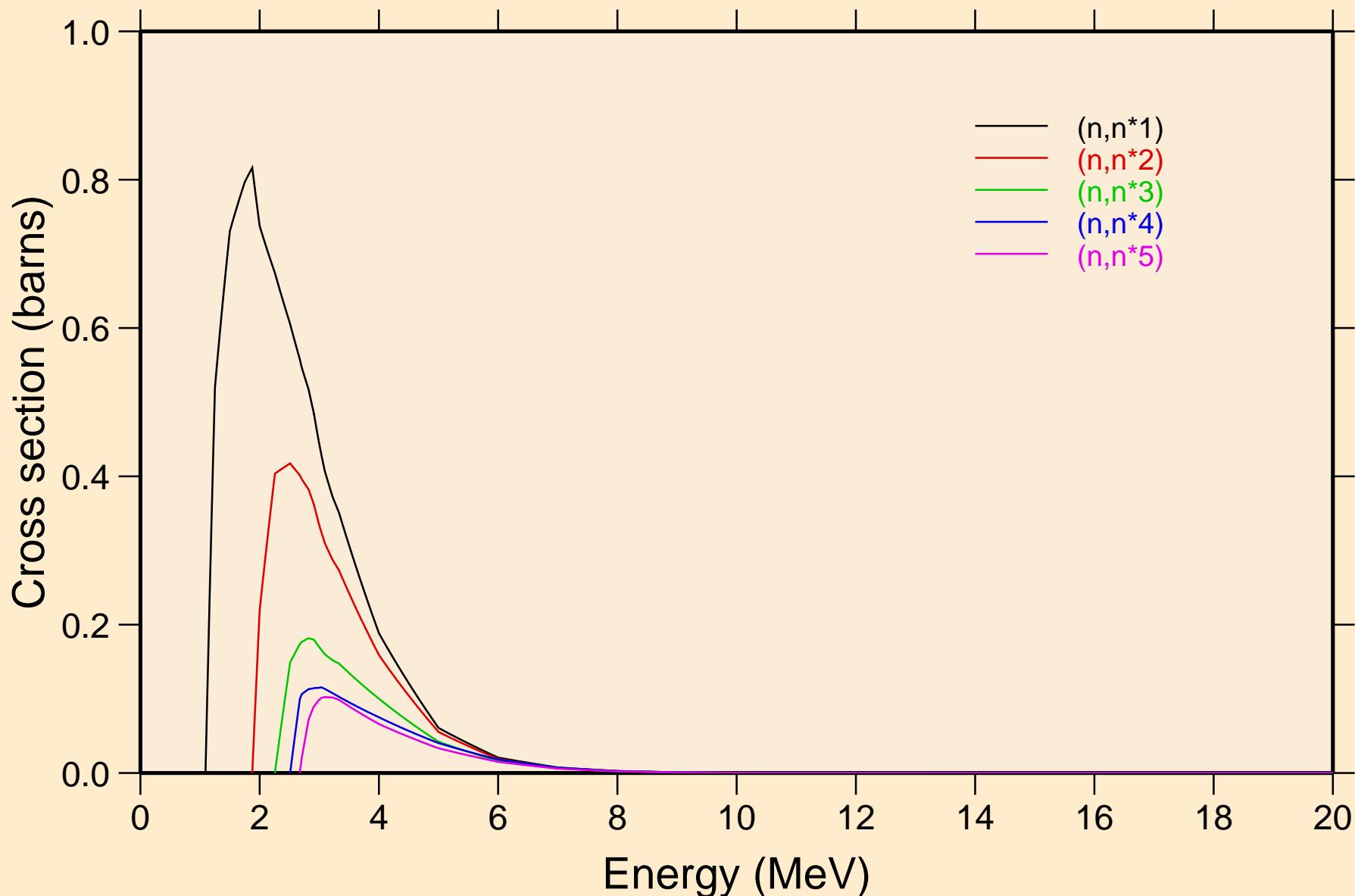


ENDF/B-VII SR-86  
Non-threshold reactions



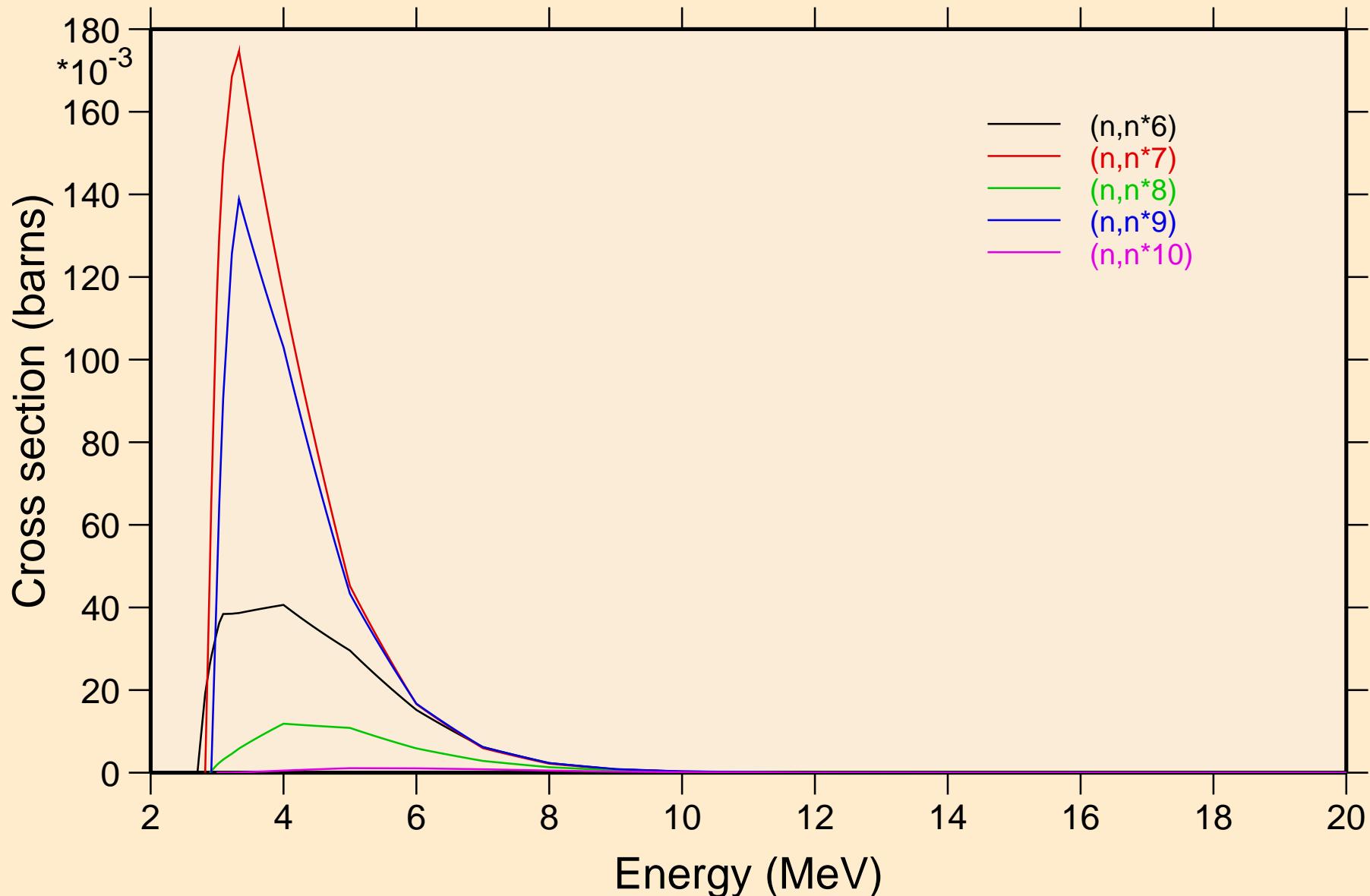
# ENDF/B-VII SR-86

## Inelastic levels

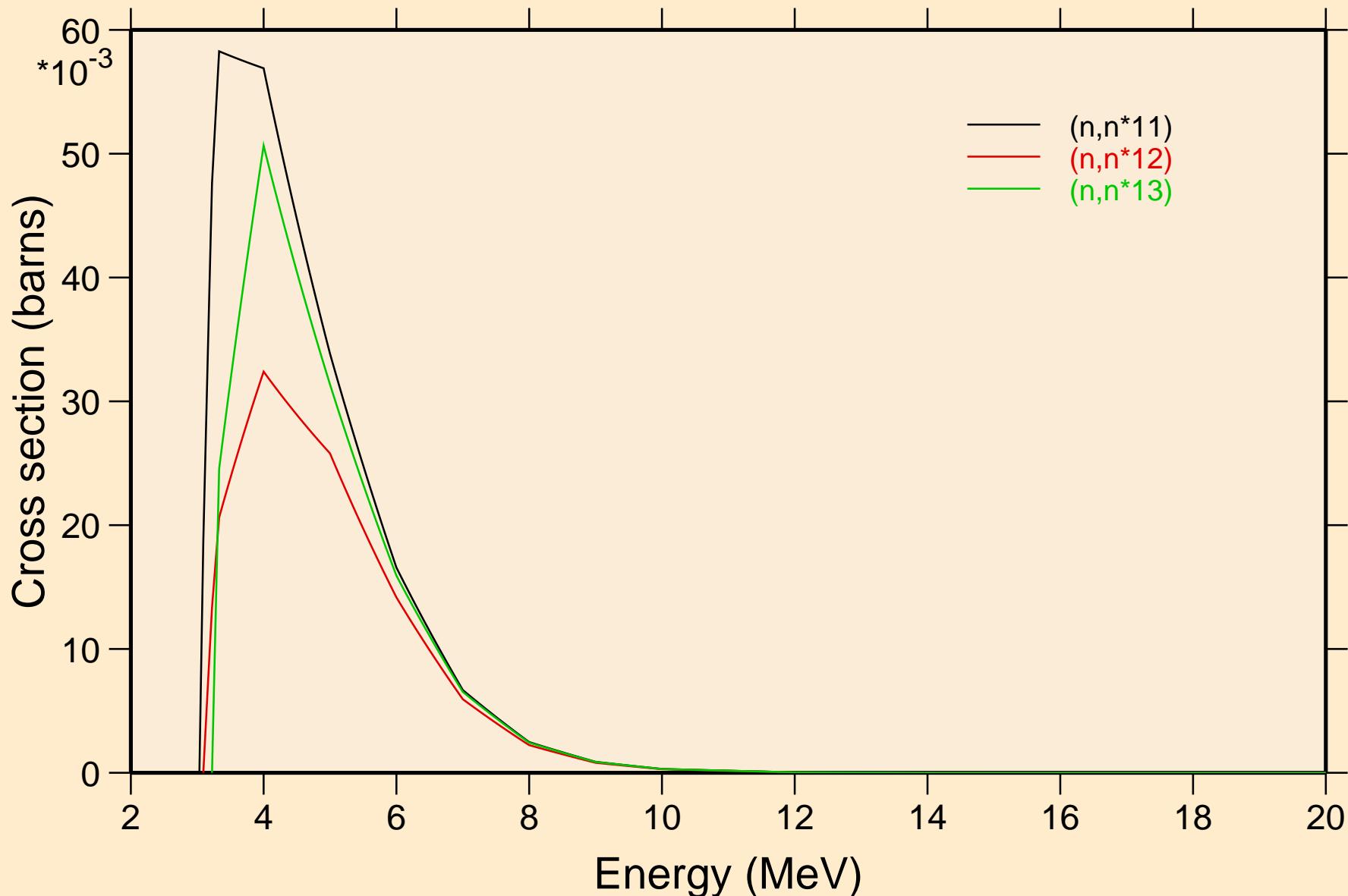


# ENDF/B-VII SR-86

## Inelastic levels

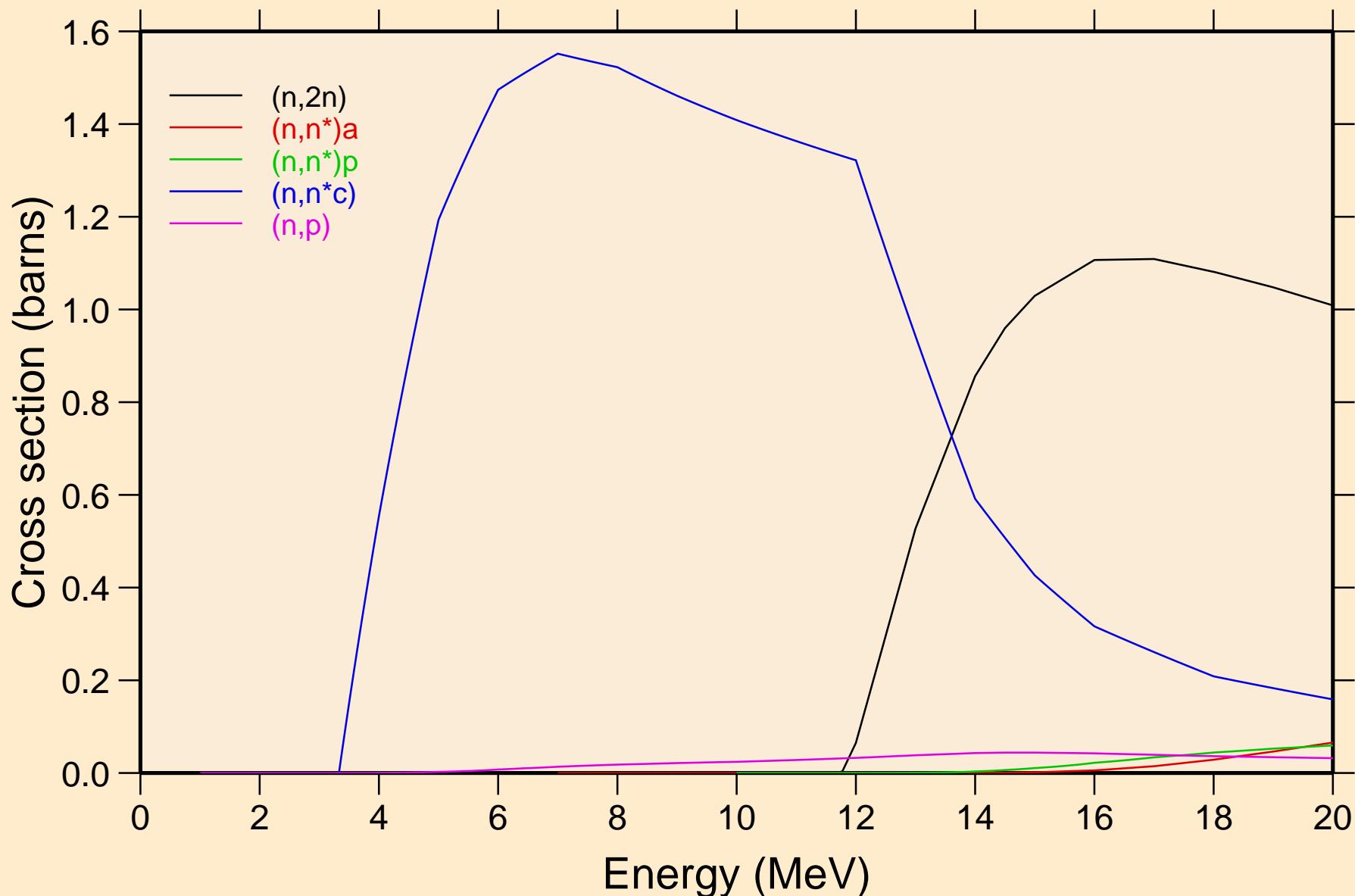


ENDF/B-VII SR-86  
Inelastic levels



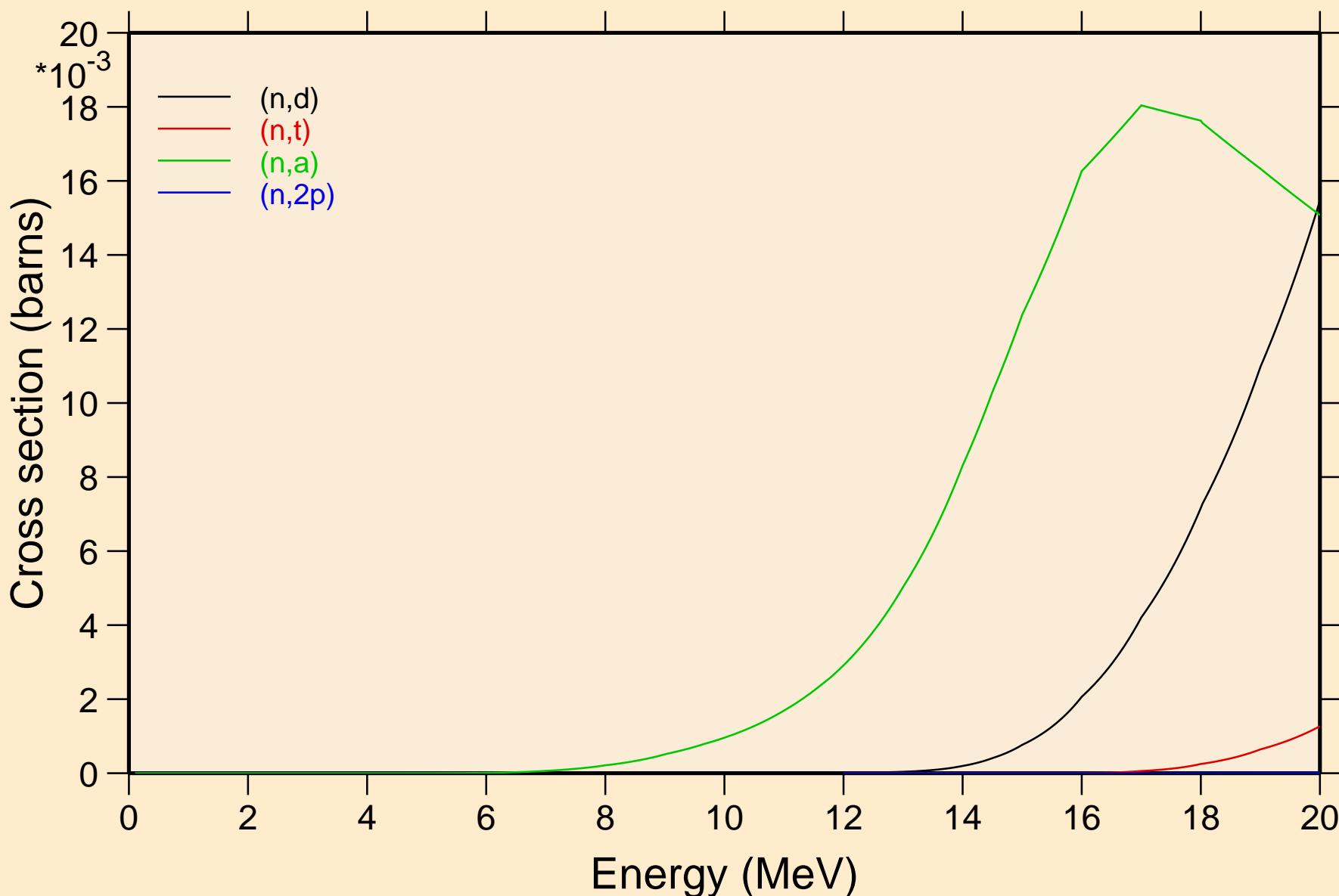
# ENDF/B-VII SR-86

## Threshold reactions



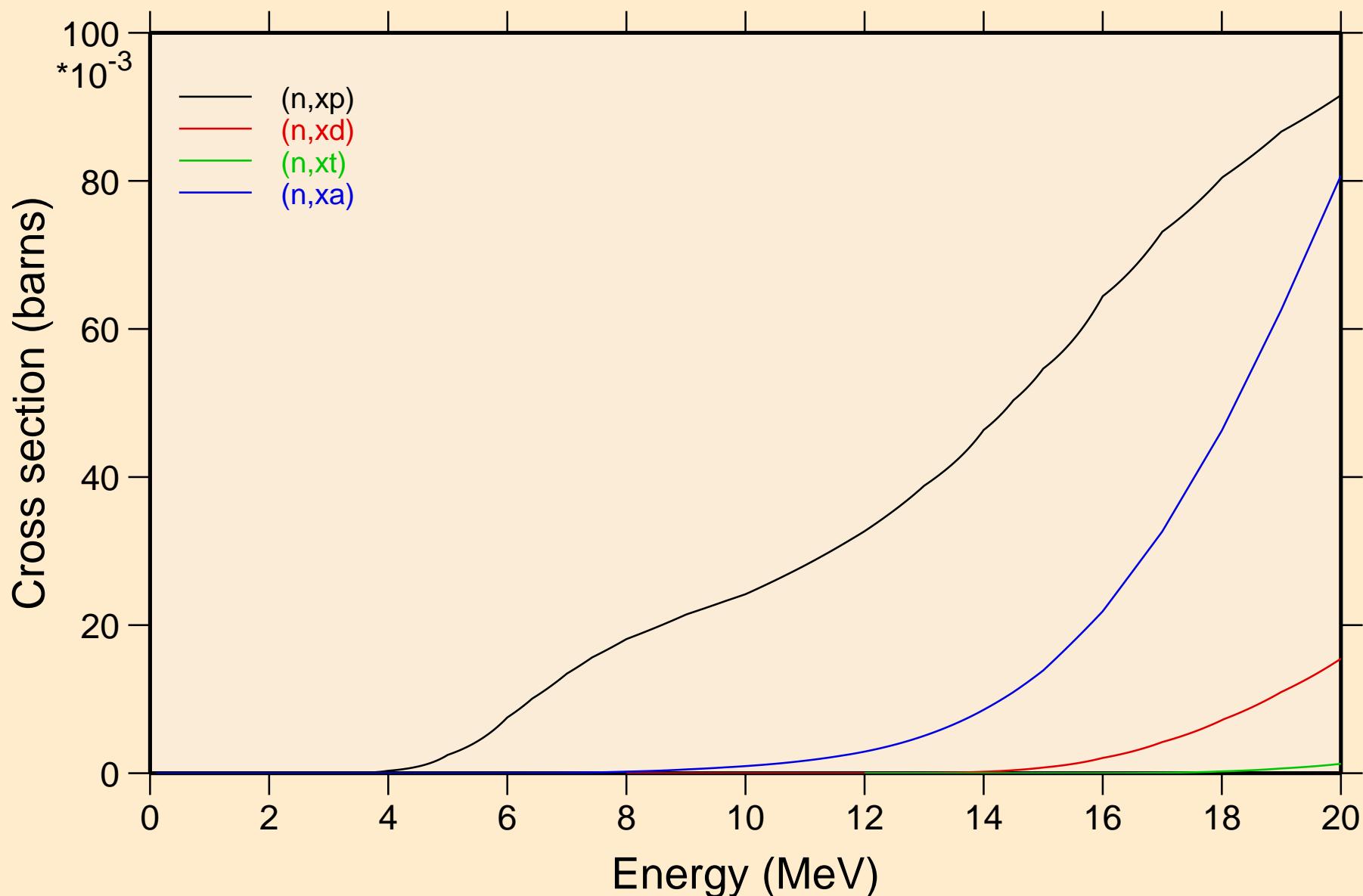
# ENDF/B-VII SR-86

## Threshold reactions

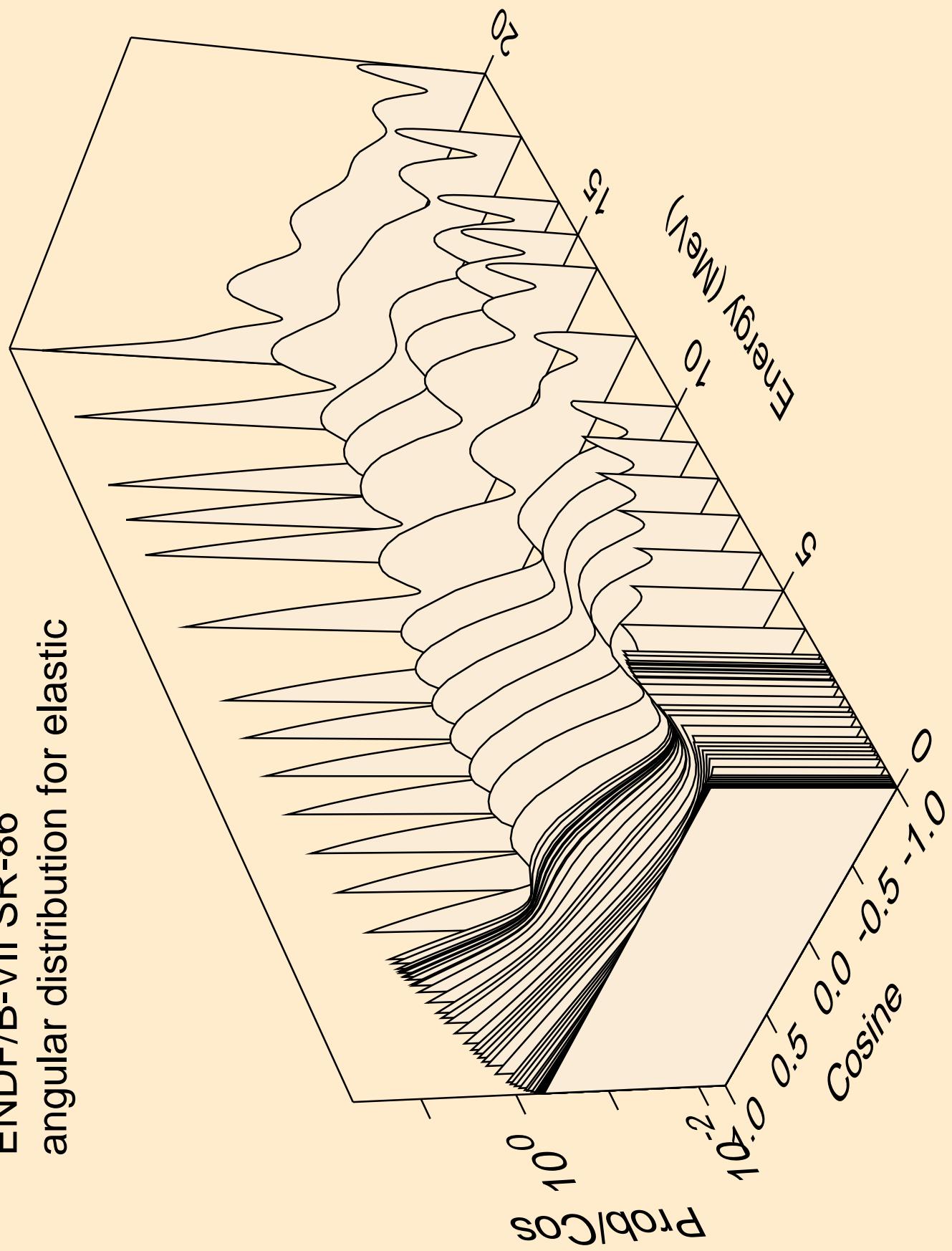


# ENDF/B-VII SR-86

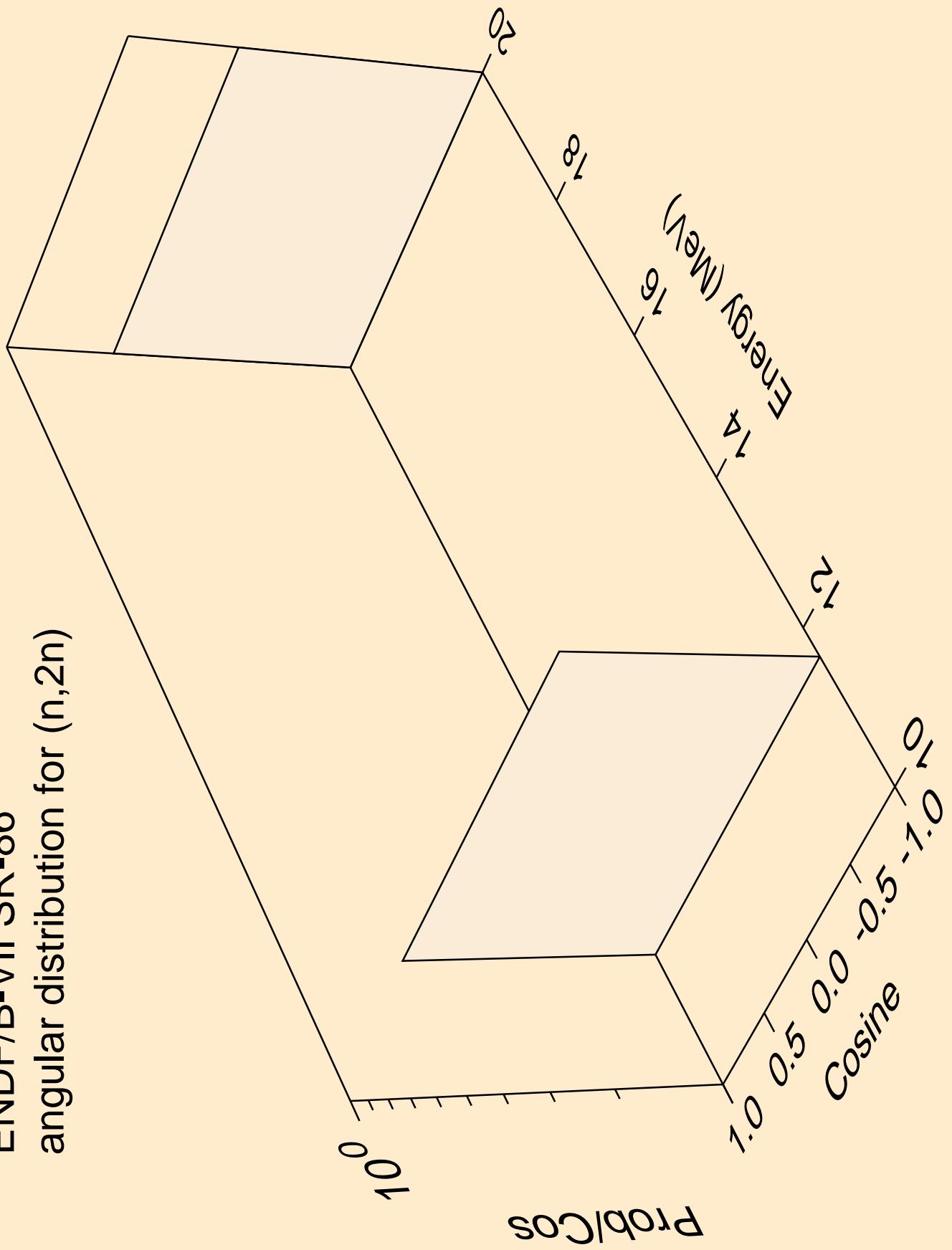
## Threshold reactions



ENDF/B-VII SR-86  
angular distribution for elastic

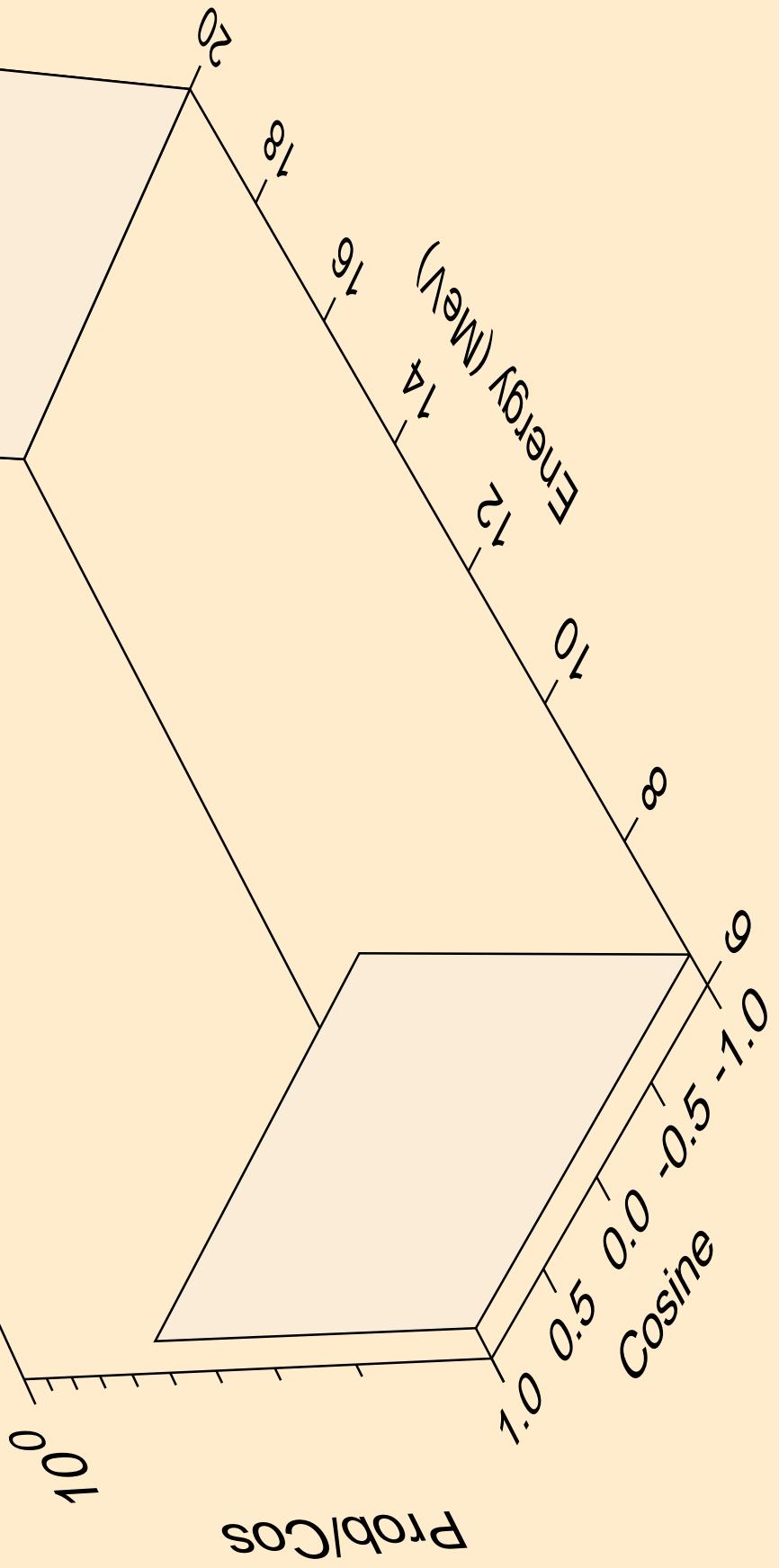


ENDF/B-VII SR-86  
angular distribution for (n,2n)



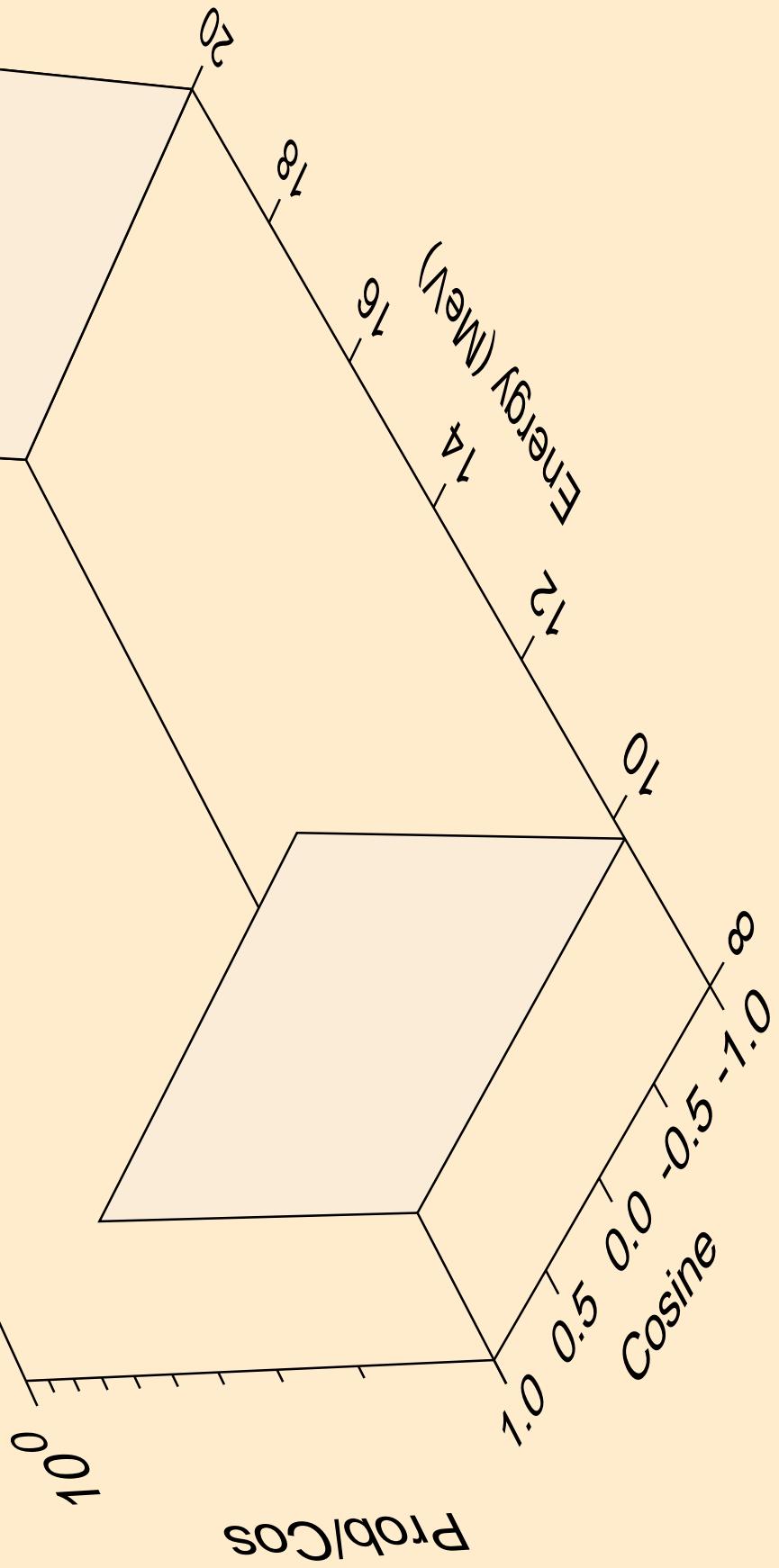
ENDF/B-VII SR-86

angular distribution for  $(n,n^*)\alpha$



ENDF/B-VII SR-86

angular distribution for  $(n,n^*)p$



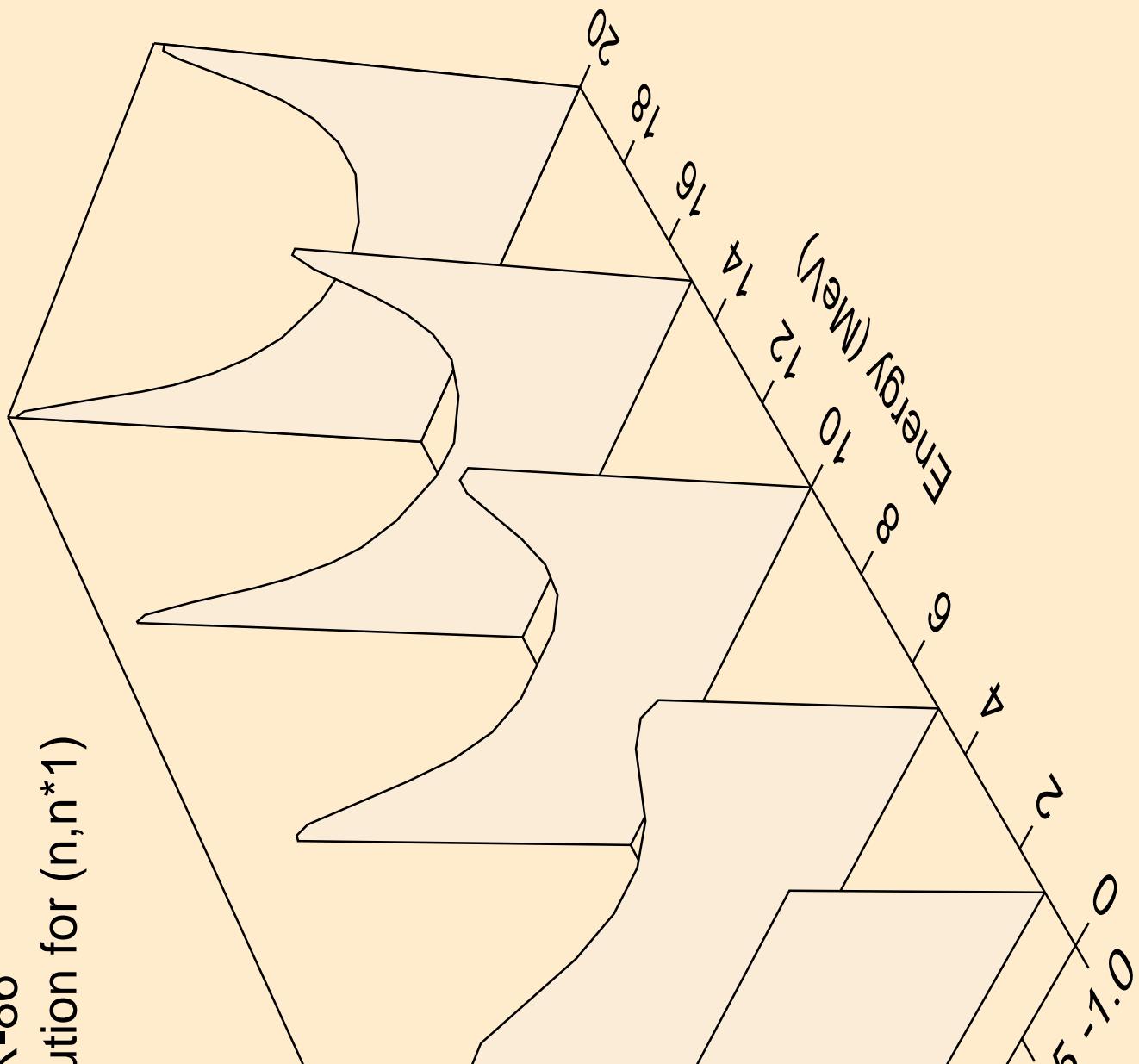
ENDF/B-VII SR-86

angular distribution for  $(n, n^*)$

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



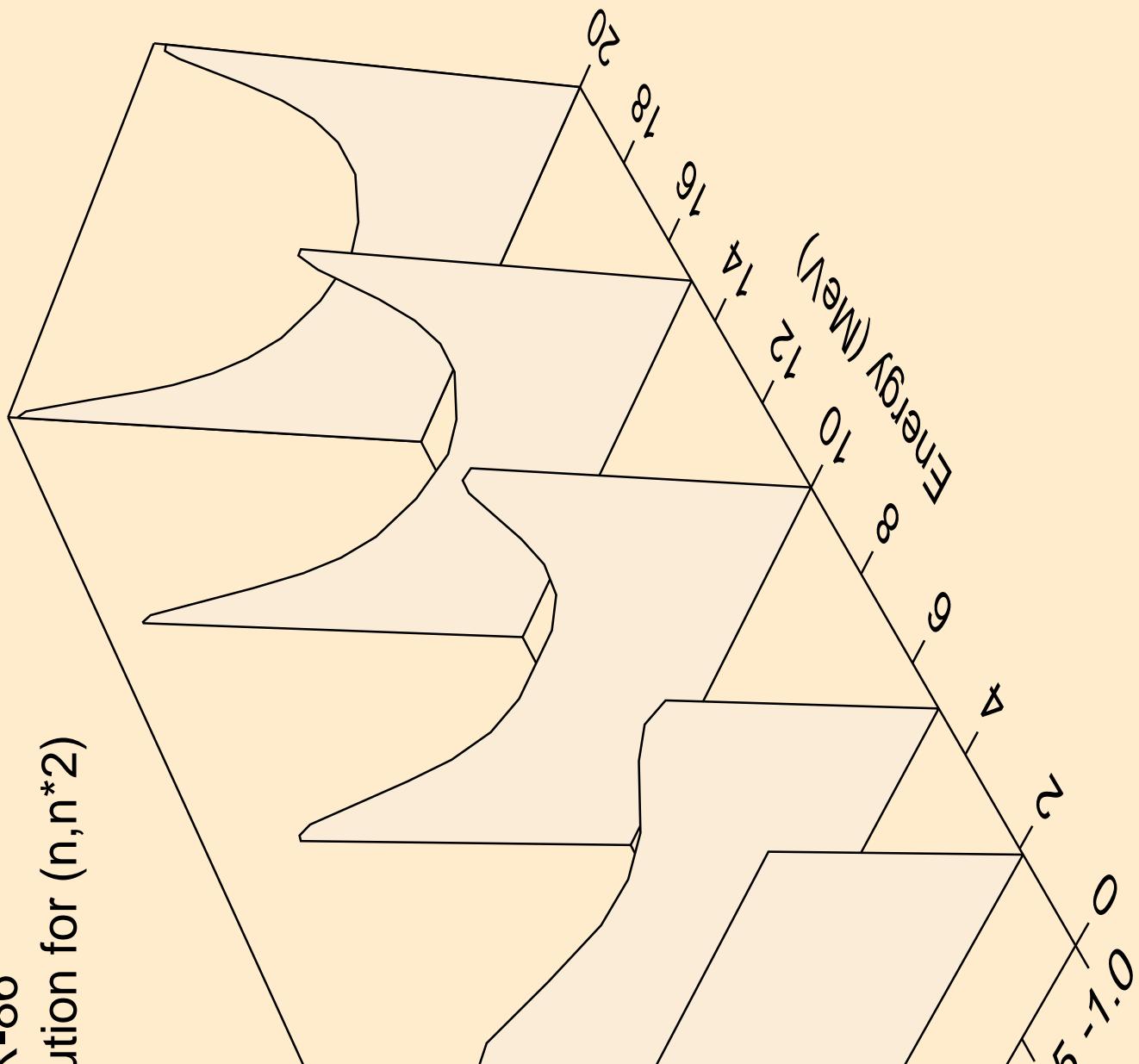
ENDF/B-VII SR-86

angular distribution for  $(n,n^*2)$

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



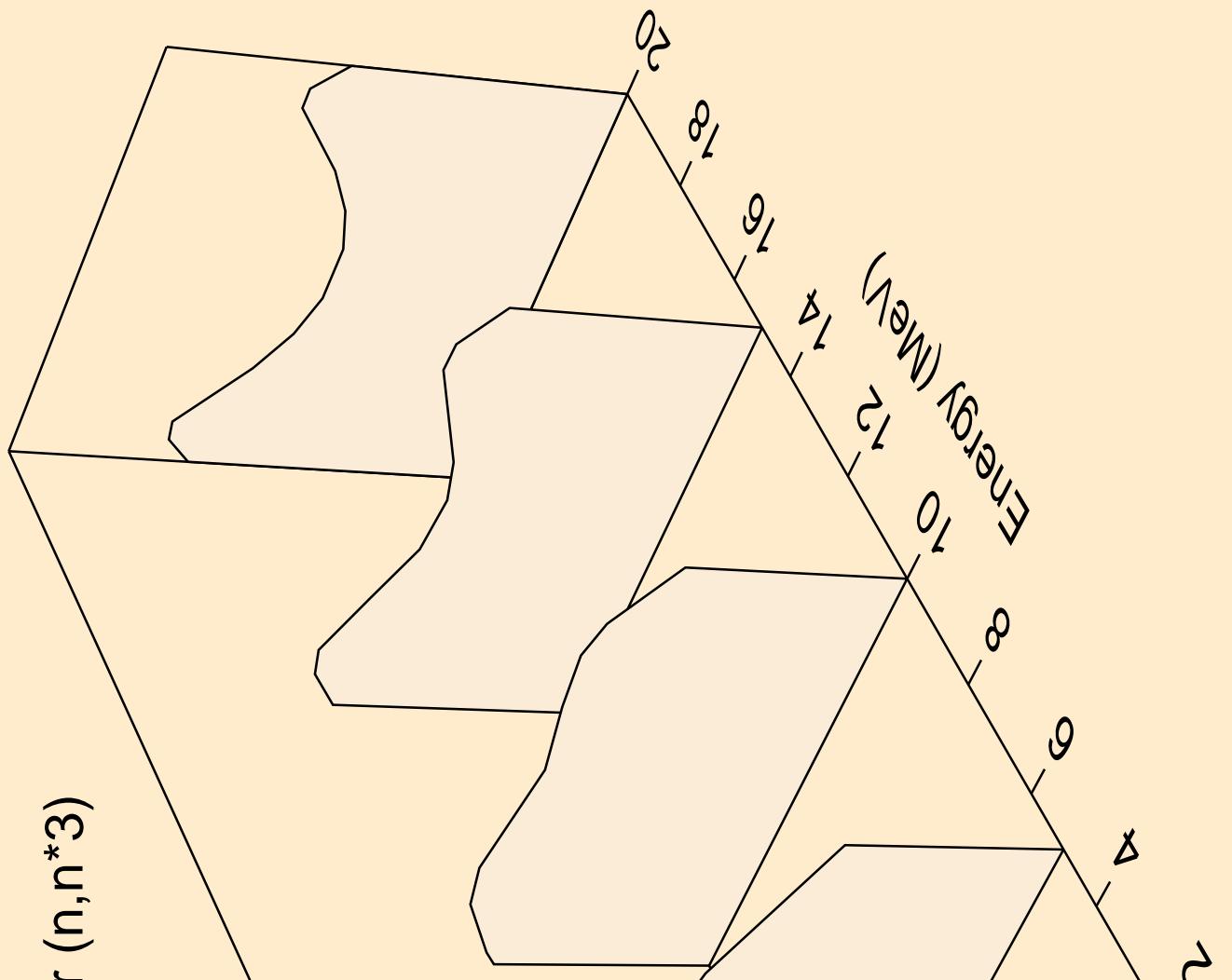
ENDF/B-VII SR-86

angular distribution for (n,n\*3)

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



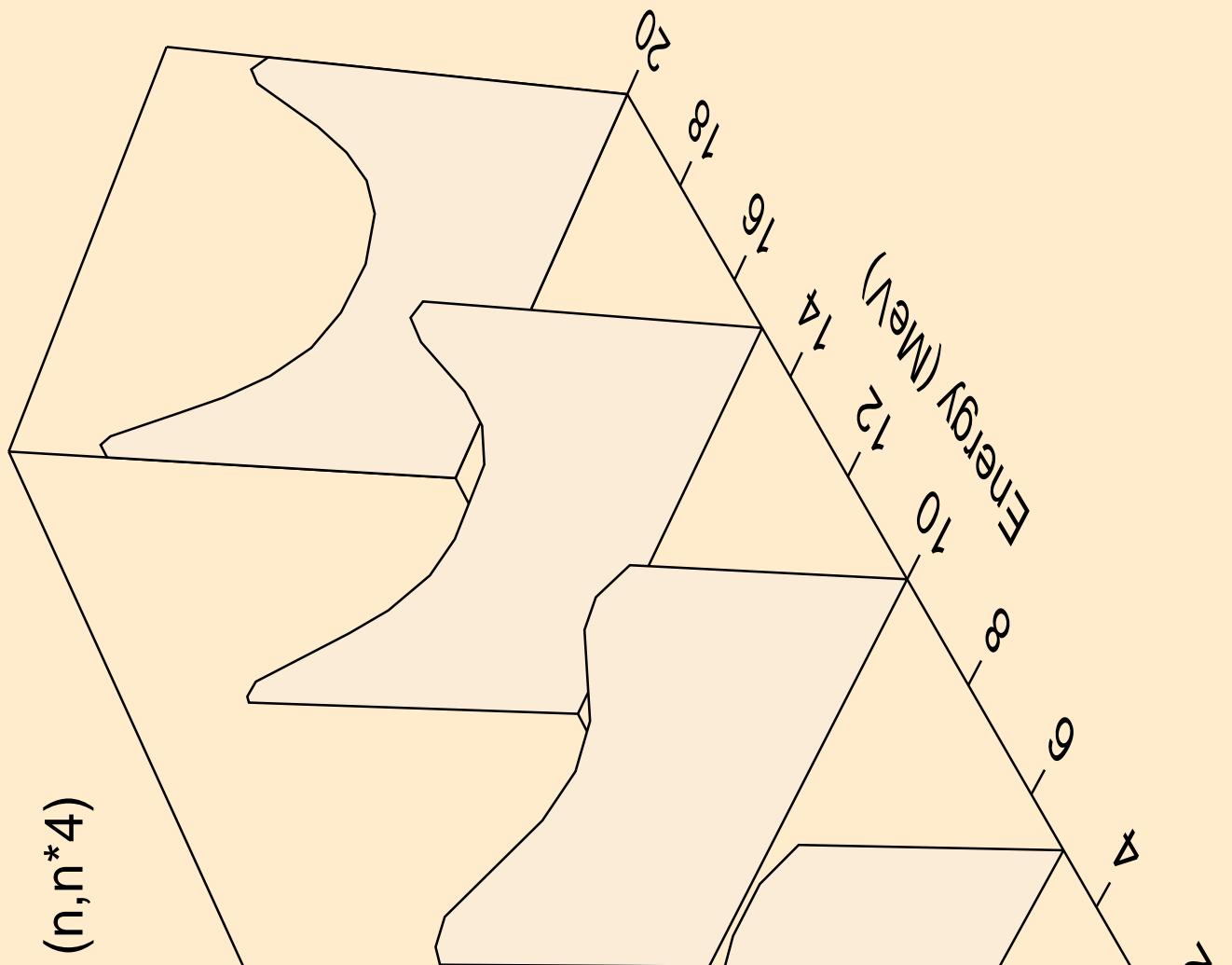
ENDF/B-VII SR-86

angular distribution for ( $n,n^*4$ )

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



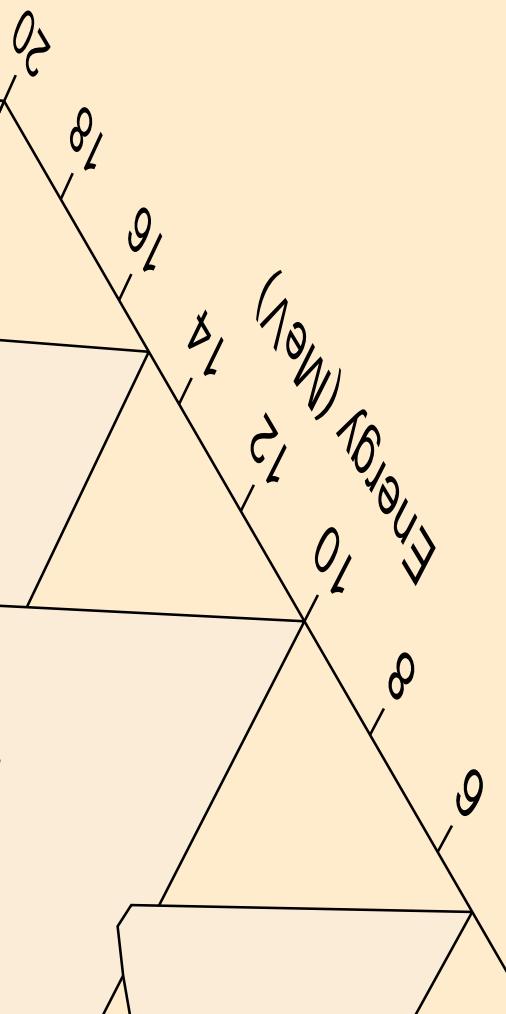
ENDF/B-VII SR-86

angular distribution for  $(n,n^*5)$

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



20  
18  
16  
14  
10  
8  
6  
4  
2  
0

Energy(MeV)

ENDF/B-VII SR-86

angular distribution for (n,n\*6)

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine

Energy (MeV)

8

6

4

2

0

-2

-4

20

18

16

14

12

10

8

6

4

2

0

-2

-4

-6

-8

ENDF/B-VII SR-86

angular distribution for ( $n,n^*7$ )

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine

20

18

16

14

Energy (MeV)

10

8

6

4

ENDF/B-VII SR-86

angular distribution for (n,n\*8)

$10^0$

Prob/Cos

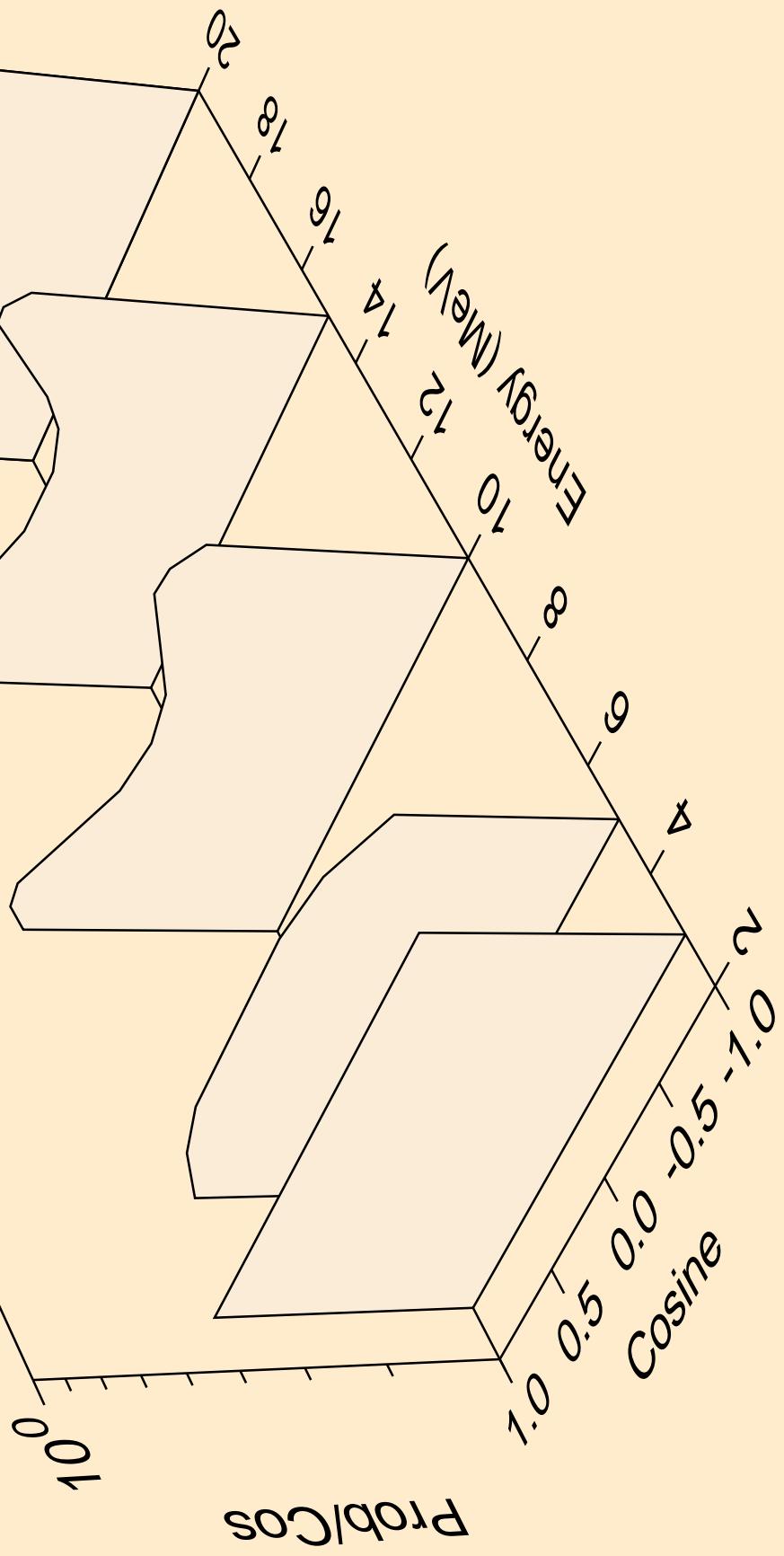
1.0 0.5 0.0 -0.5 -1.0  
Cosine

20  
18  
16  
14  
12  
10  
8  
6  
4  
2  
0

Energ (MeV)

ENDF/B-VII SR-86

angular distribution for (n,n\*9)



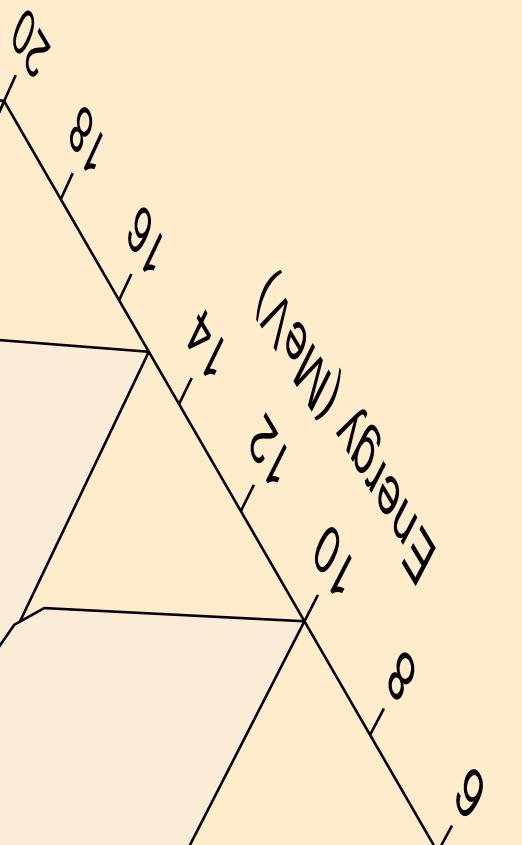
ENDF/B-VII SR-86

angular distribution for  $(n,n^*10)$

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



Energy (MeV)  
10 8 6 4 2

8 6 4 2

4 2

2

ENDF/B-VII SR-86

angular distribution for ( $n, n^* 11$ )

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine

Energ (MeV)

8

6

4

2

0

-2

-4

-6

-8

20

18

16

14

12

10

8

6

4

2

0

-2

-4

-6

-8

ENDF/B-VII SR-86

angular distribution for ( $n,n^*12$ )

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine

Energy (MeV)

8

6

10

12

20

18

16

14

12

10

8

6

4

2

0

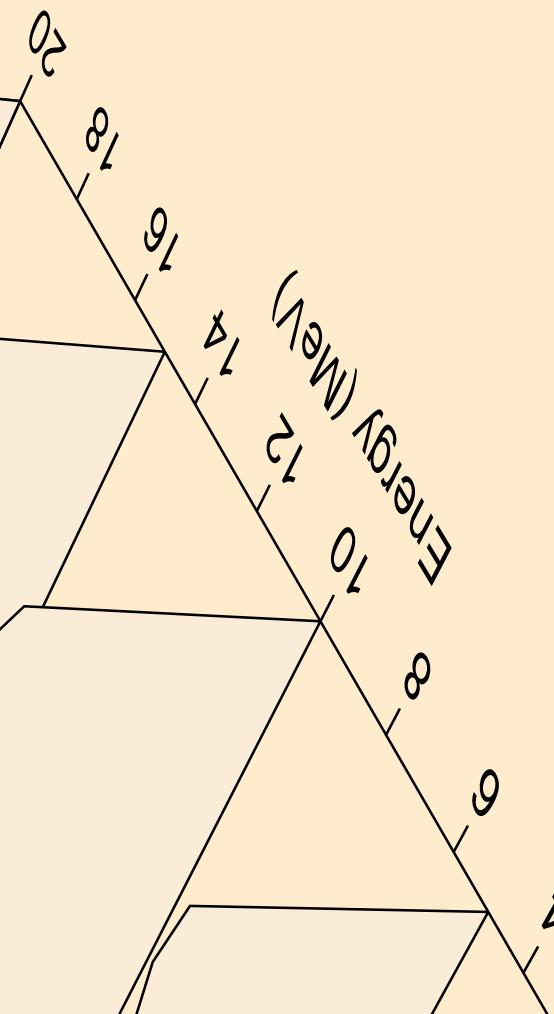
ENDF/B-VII SR-86

angular distribution for (n,n\*13)

$10^0$

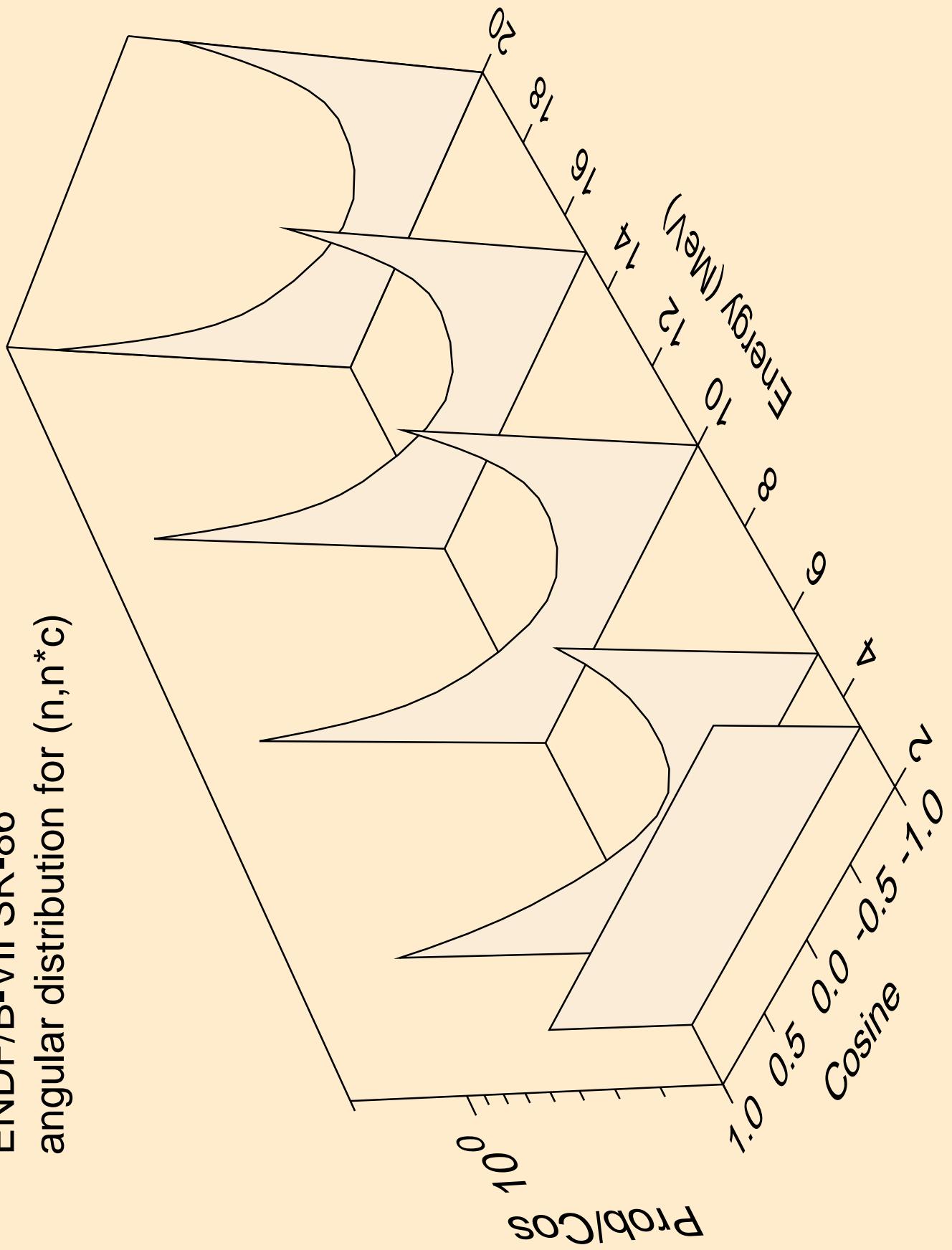
Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



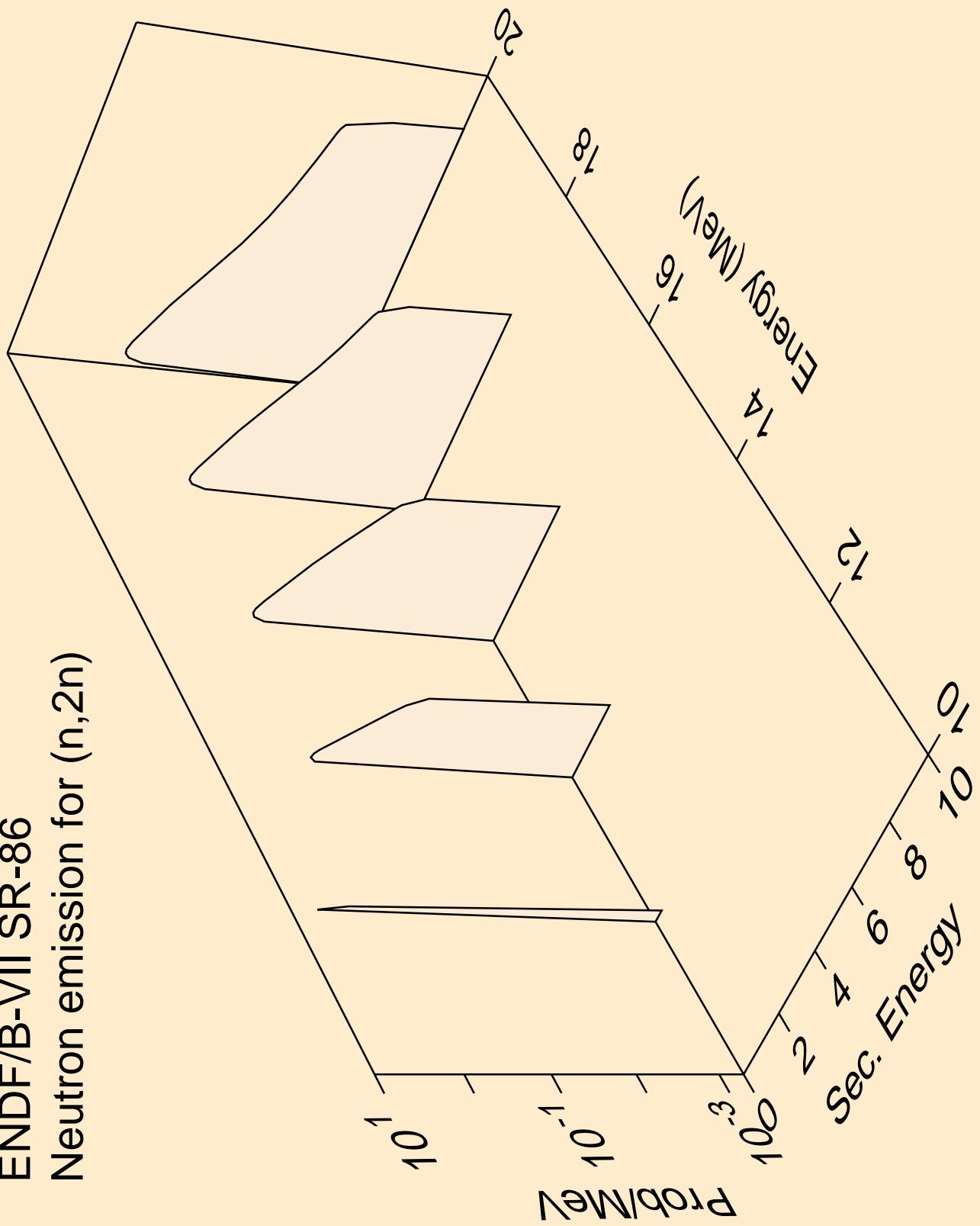
ENDF/B-VII SR-86

angular distribution for  $(n, n^* c)$



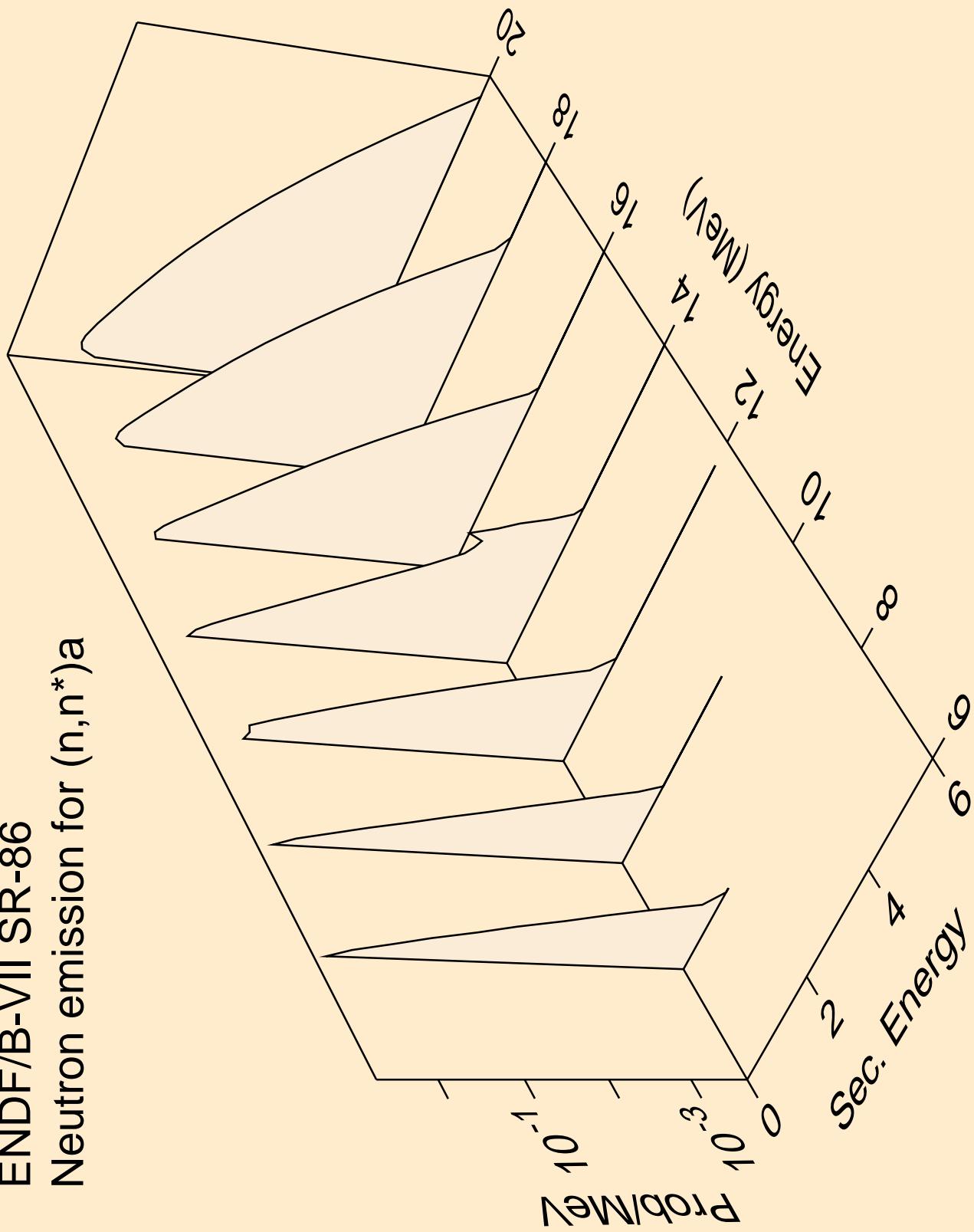
ENDF/B-VII SR-86

Neutron emission for  $(n,2n)$



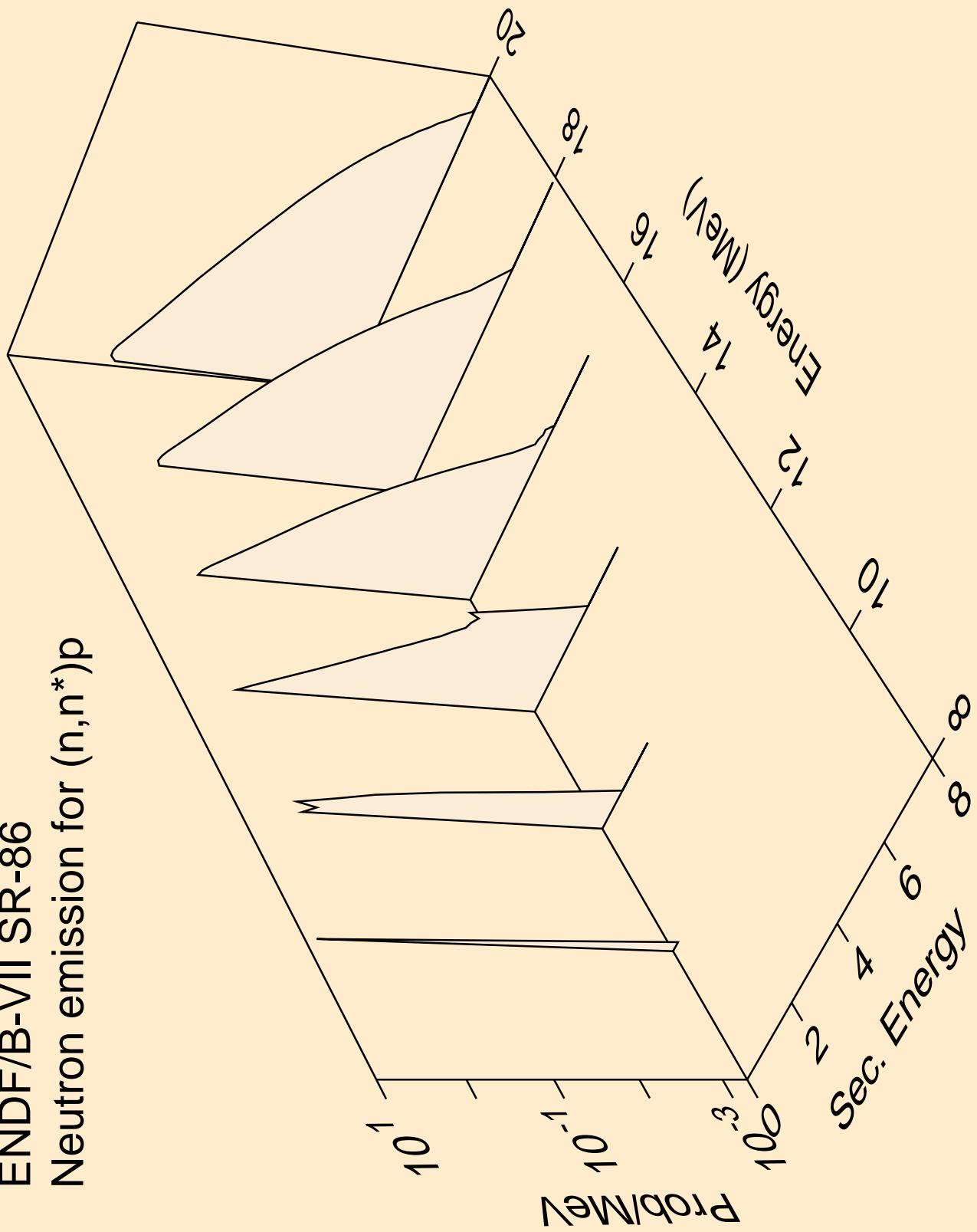
ENDF/B-VII SR-86

Neutron emission for  $(n, n^*)a$



ENDF/B-VII SR-86

Neutron emission for  $(n, n^*)p$



ENDF/B-VII SR-86

Neutron emission for  $(n, n^* c)$

